College Misericordia

Academic Catalog
Undergraduate Studies

College Misericordia Academic Catalog
Undergraduate Studies
Effective September, 1983

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Contacts

For more information on particular aspects of College Misericordia, contact the people listed below at 717-675-2181 between 8:30 a.m. and 4:30 p.m. Other College personnel are listed in the College Directory section of this catalog. All mail to College Misericordia faculty and administration may be addressed to College Misericordia, Dallas, PA 18612.

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Residential Life	Sister Kathleen Carroll, Director of Residents
Student Life	Sister Martha Hanlon, Dean of Students

Policy Statements

This catalog contains current information regarding College Misericordia's calendar, admissions policies, degree requirements, fees and regulations. College Misericordia reserves the right in its sole judgment to promulgate and change rules and regulations and to make changes of any kind in its programs, calendar, admissions policies, procedures and standards, degree requirements and fees whenever it is deemed necessary or desirable, including changes in course content, the rescheduling of classes, and cancellation of scheduled classes and other academic activities.

College Misericordia accords students of any race, color, religion, sex, nationality or ethnic origin all the rights, privileges, programs and activities generally made available to students of the College. Misericordia does not discriminate on the basis of race, color, handicap, religion, sex, nationality or ethnic origin in the administration of its educational policies, admissions policies, scholarship and loan programs, athletic or other College administered programs.

College Misericordia complies with the Family Education Rights and Privacy Act of 1974 as amended. A copy of the Act is available for inspection in the office of the Academic Dean.

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College Calendar 1983-1985

Fall Semester 1983

August 27-28	New Student Orientation
August 29	Classes begin at 10:00 a.m.
September 5	Labor Day (no classes)
October 15-18	Fall Recess
October 19	Classes resume at 8:00 a.m.
November 23-27	Thanksgiving Recess
November 28	Classes resume at 8:00 a.m.
December 12	Last day of classes
December 13-17	Final examinations
December 18	Winter Recess begins

Spring Semester 1984

January 23	Classes begin at 8:00 a.m.
March 10-18	Spring Break
March 19	Classes resume at 8:00 a.m.
April 19-23	Easter Recess
April 24	Classes resume at 8:00 a.m.
May 11	Last day of classes
May 12-18	Final examinations
May 26	Baccalaureate and Commencement

Fall Semester 1984

August 25-26	New Student Orientation
August 27	Classes begin at 8:00 a.m.
September 3	Labor Day (no classes)
October 20-23	Fall Recess
October 24	Classes resume at 8:00 a.m.
November 21-25	Thanksgiving Recess
November 26	Classes resume at 8:00 a.m.
December 10	Last day of classes
December 11-15	Final examinations
December 16	Winter Recess begins

Spring Semester 1985

January 14	Classes begin at 8:00 a.m.
March 9-17	Spring Break
March 18	Classes resume at 8:00 a.m.
April 5-8	Easter Recess
April 9	Classes resume at 8:00 a.m.
May 3	Last day of classes
May 6-10	Final examinations
May 18	Baccalaureate and Commencement

Overview

Sixty years of commitment

College Misericordia, a Catholic institution of higher learning for men and women, is located on a beautiful 100-acre campus in the suburban community of Dallas, Pennsylvania. It was the first college to be established in Luzerne County.

Since its establishment in 1924 by the Wilkes-Barre foundation of the Religious Sisters of Mercy of the Union, College Misericordia has pursued a policy of growth, both in terms of physical expansion and in academic programs. The result is a modern college with a distinguished liberal arts base for all of its undergraduate degree programs. The College also offers high quality graduate programs in Nursing and Human Services Administration.

The tradition of the College has grown from the history and value system of its sponsoring group, the Sisters of Mercy. At the core of the institution is the ideal which inspired Catherine McAuley's founding of the Institute of Mercy, that is, compassionate service through the ministries of teaching and healing. Committed to the promotion of these ideals, the Sisters of Mercy seek to share that commitment with lay colleagues and with students. It is that same commitment which gives direction and purpose to the academic curriculum, and to cocurricular and extracurricular activity.

College Misericordia supports the belief that all professional and pre-professional education emanates from and is influenced by a liberal arts tradition. Such a position is based upon several beliefs: that liberation from ignorance and prejudice is fundamental to personal and professional development; that a common knowledge base fosters human understanding; that the formation of critical, creative and aesthetic qualities is important to human growth; and that a broadbased education is vital to the development of skills which allow for a flexible approach to living.

Accreditations

College Misericordia was chartered by the State of Pennsylvania on January 31, 1927, and is empowered to grant the following degrees:

Master of Science in Nursing
Master of Science in Human Services Administration
Bachelor of Arts
Bachelor of Music
Bachelor of Science
Bachelor of Science in Nursing
Bachelor of Social Work
Associate in Applied Sciences

College Misericordia is officially recognized by the following accrediting agencies:

Council on Social Work Education
Department of Education, Harrisburg, Pennsylvania
The Regents of the University of the State of New York
Commission on Higher Education of the Middle States Association of Colleges and Schools
National Association of Schools of Music
National League for Nursing
State Board of Nurse Examiners
National Association of Music Therapy

Various other state education departments also recognize College Misericordia's academic programs.

The Curricula

Academic Divisions

College Misericordia's academic programs are administered by nine distinct divisions. The programs offered by each division are listed below:

Division of Allied Health Professions
Medical Technology (Major)
Occupational Therapy (Major)
Radiologic Technology (Major)

Division of Behavioral Sciences and Social Work
Child Welfare Services (Certification)
Gerontology (Certification and Minor)
M.S./Human Services Administration
Psychology (Minor)
Social Work (Major)
Sociology (Elective area of study)

Division of Business Administration
Accounting (Specialization and Minor)
Business Administration (Major)
Computer Science (Specialization)
Management (Specialization and Minor)
Marketing (Specialization)
Merchandising (Specialization)

Division of Education
Early Childhood Education (Certification)
Elementary Education (Major)
School Nurse (Certification)
Special Education (Major)

Division of Fine Arts
Applied Music (Major)
Art (Elective area of study)
Music Education (Major)
Music Therapy (Major)

Division of Humanities
English (Major and Minor)
History (Major and Minor)
Legal Assistant (Minor)
Political Science (Minor)
Pre-Law (Specialization)
Russian Area Studies (Minor)
Writing (Minor)

Division of Natural Sciences and Mathematics
Biology (Major and Minor)
Chemistry (Minor)
Computer Science (Major and Minor)
Geography (Elective area of study)
Information Systems (Major)
Mathematics (Major and Minor)
Physics (Elective area of study)
Pre-Dentistry (Specialization)
Pre-Medicine (Specialization)
Pre-Optometry (Specialization)
Pre-Veterinary Medicine (Specialization)

Division of Nursing
Bachelor of Science in Nursing
Master of Science in Nursing

Division of Religious Studies and Philosophy
Philosophy (Minor)
Religious Studies (Minor)

The General Studies and Liberal Studies degree programs are administered interdivisionally.

Information on the graduate programs in Nursing and Human Services Administration appears in separate publications.

The Curricula

Academic Program Definitions

All College Misericordia students are required to fulfill a 51-credit liberal arts core **curriculum** in addition to the requirements of their chosen major. The core courses provide both a sound educational foundation and a perspective from which to choose a major field or specialized area of study.

College Misericordia's academic programs fall into five inter-related groups: majors, specializations, certifications, minors and elective areas of study. These program areas are defined below:

Majors

Areas of study in a formal discipline for which a degree is awarded, for example, a Bachelor of Arts degree in History, a Bachelor of Social Work degree in Social Work, or a Bachelor of Science degree in Mathematics.

Specializations

Focused programs of extended study closely associated with a specific degree program. Specializations are generally available only to students who have been accepted to the major for that specific degree. Examples are B.A./History (Pre-Law) or B.S./Biology (Pre-Medicine).

Certifications

Prescribed programs of study designed to meet requirements of official agencies which recognize the certification as a valid credential. One example is the Early Childhood Education certification recognized by the Pennsylvania Department of Education.

Minors

Focused programs of study which involve specific clusters of courses around a general area of study. Minors are not associated with particular degree programs and are therefore open to all students. Examples are writing, legal assistant, philosophy and religious studies.

Elective Areas of Study

Clusters of courses which are not as a group directly associated with a specific degree program. These elective courses are intended to augment the liberal arts background of any interested student. Examples are philosophy, art, sociology and geography.

In the academic program listings which follow, majors, specializations and certifications are combined into one section and are listed alphabetically by program name. They have been grouped together by virtue of their one common feature—majors, specializations and certifications are associated with specific degree programs and therefore require defined course sequences.

Minors, which are open to all students, may be taken in association with any degree program. Minors involve 15 to 21 credits in specific areas. The minors offered by the College and their course requirements are grouped together under the heading **Minor Programs.**

Elective areas of study are briefly described in the section headed **Elective Areas of Study.**

Specific information regarding every course offered by the College may be found in the **Course Descriptions** section of this catalog.

The Curricula

Core Curriculum Requirements

All students, regardless of major, are required to complete a minimum of fifty-one (51) credit hours of core courses. These courses must be taken in accordance with the distribution of credit hours by area of study described below, and must be selected from the list of core course titles listed on the following page, or from the list of approved substitutes noted below.

Some courses must be taken in sequence, and both semesters of courses which are offered over two semesters must be completed.

AREA OF STUDY	CREDITS	AREA OF STUDY	CREDITS
Anthropology	3	Music	3
Art	3	Philosophy	6
English Composition	3	Political Science	3
English Literature	6	Psychology	3
History	6	Religious Studies	6
Mathematics	3	Science	6

APPROVED EXCEPTIONS: Students enrolled in selected major programs of study and other qualified students* may substitute a prescribed, more advanced course in a given area to fulfill the core requirement.

Students in the following major programs may consider the following courses as proper substitutes for the normal course requirements in the areas listed:

APPROVED SUBSTITUTE COURSE(S)		FULFILLS	IF STUDENT'S MAJOR IS:
Biology 101-102	(8 credits)	Science Core	Biology; Medical Technology
Physics 221-222	(8 credits)	Science Core	Computer Science
Chemistry 104-203	(6 credits)	Science Core	Nursing
Physics 221-222	(8 credits)	Science Core	Mathematics
Math 113 or	(4 credits)	Math Core	Math; Medical Technology
Math 151	(4 credits)	Math Core	Math; Medical Technology
Music 205	(3 credits)	Music Core	Music

**Students in other major programs who demonstrate competence in any of the areas listed above may, with the approval of the Chairman of the Division and the Academic Dean, exercise these same options.*

The Curricula

Core Curriculum Requirements

CORE AREAS	REQUIRED CREDITS		COURSE NUMBER/COURSE TITLE		CREDITS
Anthropology	3		SOC 110	Anthropology	3
Art	3		ART 161	Art Appreciation	3
English Composition	3		ENG 103	Composition	3
English Literature	6	Select One	ENG 221-222	Major British Writers	6
			ENG 247-248	American Literature	6
			ENG 266-267	Western World Literature	6
History	6	Select One	HIS 101-102	History of Western Civilization	6
			HIS 201-202	History of United States	6
Mathematics	3		MTH 100	Mathematical Perspectives	3
Music	3		MUS 230	Music Appreciation	3
Philosophy	6		PHL 101	Contemporary Self-Images	3
		Select One	PHL 225	Ethics	3
			PHL 257	Philosophy of Religion	3
			PHL 260	Practical Logic	3
			PHL 290	Philosophy of Person	3
Political Science	3		POL 100	American National Government	3
Psychology	3		PSY 123	Introduction to Psychology	3
Religious Studies	6	Select Two	RLS 100	Biblical Studies	3
			RLS 101	Catholic Teachings	3
			RLS 102	Church History	3
			RLS 103	Moral Theology	3
			RLS 104	World Religions	3
Science	6	Select One	BIO 103-104	General Biology	6
			CHM 103-104	General Chemistry	6
			PHY 107-108	Intro. Physics	6

The Curricula

Majors, Specializations and Certifications

Accounting
Specialization

Division of Business Administration
Degree: B.S./Business Administration
Program Director: Donald Skiff

Students who major in business administration may choose to focus on a specific area of the business environment. Accounting is one of the business specializations offered to meet individual student needs and interests.

The accounting specialization prepares students for professional careers in accounting or for further study at the graduate level in business or public administration. Opportunities for internships are available in C.P.A. firms, businesses, and in auditing departments of banking institutions.

All courses taken in preparation for a degree in business administration require grades of "C" or better. A student may repeat a course once; if a grade of "C" or better is not achieved, the student will be dismissed from the business administration program.

SUGGESTED COURSE SEQUENCE

FRESHMAN

BUS 115	Economics I	3	BUS 116	Economics II	3
BUS 120	Accounting I	3	BUS 121	Accounting II	3
ENG 103	Composition	3	BUS 170	Marketing I	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
HIS	Core Elective	3	HIS	Core Elective	3
BUS 453	ST Career Choice	1			15
		16			

SOPHOMORE

BUS 220	Intermediate Accounting I	3	BUS 210	Comparative Economics	3
BUS 380	Fundamentals of Management	3	BUS 221	Intermediate Accounting II	3
MTH 115	Basic Statistics I	3	MTH 116	Basic Statistics II	3
PHL 101	Contemporary Self-Images	3	ENG 318	Language Studies	3
ENG	Core Elective	3	ENG	Core Elective	3
PSY 123	Introduction to Psychology	3	PST 224	Organizational and Industrial Psychology	3
		18			18

JUNIOR

BUS 323	Cost Accounting	3	BUS 324	Advanced Accounting	3
BUS 371	Business Finance	3	POL 100	American National Govt.	3
ENG 112	Speech Communication	3	SCI	Core Elective	3
MUS 230	Music Appreciation	3	RLS	Core Elective	3
SCI	Core Elective	3		Free Elective	3
PHL	Core Elective	3			15
		18			

SENIOR

BUS 410	Legal Environment of Business	3	BUS 422	Federal Tax Accounting	3
BUS 424	Fund Accounting	3	BUS 491	Seminar in Business Policies	3
HIS 305	Recent American Domestic History	3	SOC 110	Anthropology	3
ART 101	Art Appreciation	3	RLS	Core Elective	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Applied Music
Major

Division of Fine Arts
Degree: B.A./Applied Music
Program Director: Richard Dower

The music program at College Misericordia fosters excellence in performance, develops strong competencies in music, and is part of a broad-based foundation in the liberal arts. Each student is provided the opportunity to develop his or her musical potential.

In addition to meeting the College's general admission requirements, applied music majors must successfully audition in the major performance area in order to be accepted to the program. A theory test is given at the time of the audition. A senior recital is required for all music majors.

The Bachelor of Arts degree in Applied Music provides a wide range of experience in the musical and performing arts, acquired through course work in performance, theory, history, dance, counterpoint and composition. Courses in foreign language and culture are required.

All music students participate in College Chorus for eight semesters. Other ensemble activity depends upon the student's area of interest.

Violin students should note that private lessons replace MUS 106.

SUGGESTED COURSE SEQUENCE

FRESHMAN

MUS 010-020	Music Theory	4	MUS 030-040	Music Theory	4
MUS 107	Dance	1	MUS 108	Dance	1
MUS	Applied Music	2	MUS	Applied Music	2
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
ENG 103	Composition	3	PHL 101	Contemporary Self-Images	3
HIS	Core Elective	3	HIS	Core Elective	3
RLS	Core Elective	3	MTH 100	Mathematical Perspectives	3
		16.5			16.5

SOPHOMORE

MUS 050-060	Music Theory	4	MUS 070-080	Music Theory	4
MUS 205	Survey of Music History	3	MUS 206	Survey of Music History	3
MUS	Applied Music	2	MUS	Applied Music	2
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
	Foreign Language	3		Foreign Language	3
ENG	Core Elective	3	ENG	Core Elective	3
		15.5			15.5

JUNIOR

MUS 315	Form and Analysis	3	MUS 317	20th Century Trends	3
MUS	Applied Music	2	MUS	Applied Music	2
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
PSY 123	Introduction to Psychology	3	MUS 342	Instrumental Counterpoint	2
SCI	Core Elective	3	SCI	Core Elective	3
	Free Elective	3	SOC 110	Anthropology	3
		14.5		Free Elective	3
					16.5

SENIOR

MUS 410	Composition	2	MUS 412	Orchestration	2
MUS	Applied Music	2	MUS	Applied Music	2
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
ART 161	Art Appreciation	3	POL 100	American National Govt.	3
RLS	Core Elective	3	PHL	Core Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
		16.5			16.5

The Curricula

Majors, Specializations and Certifications

Biology
Major

Division of Natural Sciences and Mathematics
Degree: B.S./Biology
Program Director: Carl Konecke

With the proper selection of elective courses, a biology major is prepared for post-graduate studies in medicine, veterinary medicine, dentistry, podiatry, optometry, or for graduate study in various disciplines within biology and related fields.

Preparation for post-graduate employment in biological or biochemical research is also available through the appropriate selection of course offerings.

Biology majors are assigned an advisor who helps plan a program of courses consistent with the student's background and career objectives. Majors in biology must maintain at least a "B" average to be recommended to graduate or professional school.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
BIO 101	Botany and Introductory Biological Principles	4	BIO 102	Zoology	4
MTH 151	Calculus I	4	MTH 152	Calculus II	4
CHM 133	Chemical Principles I	4	CHM 134	Chemical Principles II	4
ENG 103	Composition	3	CPS 120	Introduction to Computing	3
		15			15
		SOPHOMORE			
BIO 251	Comparative Anatomy and Histotechnique I	4	BIO 243	Microbiology	4
BIO 241	Genetics	4	CHM 244	Organic Chemistry II	4
CHM 243	Organic Chemistry I	4	PHL 101	Contemporary Self-Images	3
MTH 115	Basic Statistics	3	PSY 123	Introduction to Psychology	3
HIS	Core Elective	3	HIS	Core Elective	3
		18			17
		JUNIOR			
BIO 322	Compar. Embry. of Vertebrates	3	BIO 346	General Physiology	4
CHM 353	Biochemistry	3	CHM	Elective	3
PHY 221	General Physics I	4	PHY 222	General Physics II	4
ENG	Core Elective	3	ENG	Core Elective	3
RLS	Core Elective	3	RLS	Core Elective	3
		16			17
		SENIOR			
BIO 490	Coordinating Seminar	1	BIO	Elective	3
BIO 425	Ecology	4	BIO 480	Biological Research	1
POL 100	American National Govt.	3	MUS 230	Music Appreciation	3
PHL	Core Elective	3	SOC 110	Anthropology	3
ART 161	Art Appreciation	3	BIO 360	Immunology	1
	Free Elective	3		Free Elective	3
		17			14

The Curricula

Majors, Specializations and Certifications

Business Administration
Major

Division of Business Administration
Degree: B.S./Business Administration
Program Director: Donald Skiff

To succeed in a professional business atmosphere, individuals must have a well-rounded background in all aspects of business. College Misericordia's business administration program provides the proper balance of both theory and practice. The program prepares students for entry level positions in business, industry or the non-profit sector. Some business administration majors continue their studies at the graduate level.

Many business administration majors choose to specialize in a particular business-related field. To meet these individual needs, the Division of Business Administration offers specializations in accounting, computer science, management, marketing and merchandising. More detailed descriptions of these programs may be found elsewhere in this catalog.

Students who do not want to specialize in any area but prefer the more traditional approach to business education receive a broad background in all areas of the business environment. Some students choose this broad approach in recognition of the fact that some employers prefer to provide employees with training specific to the company, building upon the student's broad-based business education.

Business administration majors must fulfill the core curriculum requirements of the College, and the specific requirements of the major. Nine credit hours are to be completed in free electives. These electives may be courses from any academic area, or may take the form of independent study or work experience.

Business administration majors are expected to achieve grades of "C" or better in required major courses. A student may repeat a course once. If a grade of "C" or better is not achieved, the student will be dismissed from the business administration program.

SUGGESTED COURSE SEQUENCE

FRESHMAN

BUS 115	Economics I	3	BUS 116	Economics II	3
BUS 120	Accounting I	3	BUS 121	Accounting II	3
ENG 103	Composition	3	BUS 170	Marketing I	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
HIS	Core Elective	3	HIS	Core Elective	3
BUS 453	ST Career Choice	1			15
		16			

SOPHOMORE

BUS 280	Fundamentals of Management	3	BUS 210	Comparative Economics	3
BUS 323	Cost Accounting	3	BUS 270	Marketing II	3
MTH 115	Basic Statistics I	3	MTH 116	Basic Statistics II	3
PHL 101	Contemporary Self-Images	3	ENG 318	Language Studiès	3
PSY 123	Introduction to Psychology	3	ENG	Core Elective	3
ENG	Core Elective	3	PSY 224	Organizational and Industrial Psychology	3
		18			18

JUNIOR

BUS 371	Business Finance	3	BUS 240	Money and Banking	3
BUS 382	Personnel and Industrial Relations	3	SCI	Core Elective	3
ENG 112	Speech Communication	3	RLS	Core Elective	3
MUS 230	Music Appreciation	3	POL 100	American National Govt.	3
SCI	Core Elective	3		Free Elective	3
PHL	Core Elective	3			15
		18			

SENIOR

BUS 110	Business Communications	3	BUS 460	Quantitative Tools for Managers	3
BUS 410	Legal Environment of Business	3	BUS 491	Seminar in Business Policies	3
HIS 305	Recent American Domestic History	3	SOC 110	Anthropology	3
ART 161	Art Appreciation	3	RLS	Core Elective	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Child Welfare Services
Certification

Division of Behavioral Sciences and Social Work
Degree: May be taken in support of several degrees
Program Director: James Calderone

The child welfare services certificate program is most directly associated with a major in one of the helping professions. Child welfare specialists handle the problems of abused, neglected and abandoned children or those whose behavior has brought them to the attention of the courts. This type of work is demanding and requires highly trained and dedicated professionals for whom children and their families are of paramount importance.

A certificate in child welfare services involves a total of 15 credits. Three of these credits are earned through the successful completion of a clinic, field practicum or other appropriate placement in a child serving setting related to the student's major field of study.

SUGGESTED COURSE SEQUENCE

PSY 275	Child and Adolescent Psychology	3
CWS 363	Child Welfare Services	3
	Two additional courses selected from:	6
	CWS 392 Child Abuse and Neglect (3)	
	CWS 393 Child Welfare Law (3)	
	CWS 395 Foster, Residential and Adoptive Care (3)	
Approved Field Practicum		3
		15

The Curricula

Majors, Specializations and Certifications

Computer Science
Major

Division of Natural Sciences and Mathematics
Degree: B.S./Computer Science
Program Director: Joseph Tomasovic

College Misericordia offers students several different computer science programs in response to a variety of interests and career goals. The computer science curricula meet the recommendations of the Association of Computing Machinery and uphold the College's long history of providing career-oriented educations within a strong liberal arts program.

The computer science major leads to a Bachelor of Science in Computer Science. The program prepares students to pursue careers in scientific or industrial programming and systems analysis, or to continue their educations at the graduate level.

College Misericordia's computer facilities were designed to achieve one primary goal: to serve the academic needs of Misericordia students. The principal academic computer at the College is a Digital Equipment Corporation VAX 11/730 with a VMS operating system. The computer is one of the latest in the DEC line; it is a 32-bit word, virtual memory, super-minicomputer. The College's computer facilities also include labs stocked with IBM Personal Computers, a TRS 80 Model II personal computer and Apple II computers. The academic computer facilities are independent of the College's Management Information System.

Computer science majors must meet the core curriculum requirements set by the College, as well as the requirements specific to the major. Students must complete a senior independent project in consultation with their advisors.

SUGGESTED COURSE SEQUENCE

FRESHMAN					
CPS 120	Introduction to Computing	3	CPS 121	Programming	3
*MTH 151	Calculus I	4	MTH 152	Calculus II	4
ENG 103	Composition	3	MUS 230	Music Appreciation	3
POL 100	American National Govt.	3	SOC 110	Anthropology	3
HIS	Core Elective	3	HIS	Core Elective	3
		16			16
SOPHOMORE					
CPS 231	File Processing	3	CPS 232	Data Structures &	
MTH 225	Calculus III	3		Algorithms	3
PHY 221	General Physics I	4	MTH 244	Sets and Logic	3
PSY 123	Introduction to Psychology	3	PHY 222	General Physics II	4
ENG	Core Elective	3	ART 161	Art Appreciation	3
		17	ENG	Core Elective	3
					17
JUNIOR					
CPS 221	Computer Systems	3	CPS 222	Computer Organization	3
CPS 331	Programming Languages	3	CPS 412	Computers and Society	3
MTH 241	Linear Algebra	3	MTH 215	Math. Statistics	3
PHL 101	Contemporary Self-Images	3	PHL	Core Elective	3
RLS	Core Elective	3	RLS	Core Elective	3
	Free Elective	3			15
		18			
SENIOR					
CPS 321	Operating Systems	3	CPS 421	Numerical Analysis	3
CPS 432	Software Design	3	CPS 432	Data Base Management	3
	Free Electives	9		Free Electives	9
		15			15

*Some students may be required to begin the Mathematics sequence with MTH 108: Precalculus.

Some upper-level courses will be offered in alternate years.

The Curricula

Majors, Specializations and Certifications

Computer Science
Specialization

Division of Business Administration
Degree: B.S./Business Administration
Program Director: Donald Skiff

Computer Science is one of five areas of specialization in which business administration majors may choose to concentrate. The computer science specialization provides students with the computer skills necessary to be competitive in today's job market.

Employment opportunities for business majors who specialize in computer science include computer systems operations, systems analysis and information systems management.

All courses taken in preparation for a degree in business administration require grades of "C" or better. Courses may be repeated once; if a grade of "C" or better is not achieved, dismissal from the business program will result.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
BUS 115	Economics I	3	BUS 116	Economics II	3
BUS 120	Accounting I	3	BUS 121	Accounting II	3
ENG 103	Composition	3	BUS 170	Marketing I	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
HIS	Core Elective	3	HIS	Core Elective	3
BUS 453	ST Career Choice	1			15
		16			
		SOPHOMORE			
BUS 280	Fundamentals of Management	3	BUS 210	Comparative Economics	3
CPS 121	Programming	3	MTH 116	Basic Statistics II	3
MTH 115	Basic Statistics I	3	ENG 318	Language Studies	3
PHL 101	Contemporary Self-Images	3	ENG	Core Elective	3
ENG	Core Elective	3	PSY 224	Organizational and Industrial Psychology	3
PSY 123	Introduction to Psychology	3	RLS	Core Elective	3
		18			18
		JUNIOR			
BUS 371	Business Finance	3	POL 100	American National Govt.	3
CPS 231	File Processing	3	CPS 232	Data Structures	3
ENG 112	Speech Communication	3	RLS	Core Elective	3
SCI	Core Elective	3	SCI	Core Elective	3
MUS 230	Music Appreciation	3		Free Elective	3
PHL	Core Elective	3			15
		18			
		SENIOR			
BUS 410	Legal Environment of Business	3	BUS 430	Information Systems in Management	3
CPS 431	Software Design	3	CPS 432	Data Base Management	3
HIS 305	Recent American Domestic History	3	BUS 491	Seminar in Business Policies	3
ART 161	Art Appreciation	3	SOC 110	Anthropology	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Early Childhood Education
Certification

Division of Education
Degree: B.S./Elementary Education
Program Director: John Mullany

College Misericordia's early childhood/elementary education program enables its graduates to teach in nursery schools, pre-schools, and in grades kindergarten through sixth. Graduates earn a Bachelor of Science degree in Elementary Education and two Pennsylvania teaching certificates: one in elementary education and one in early childhood education.

College Misericordia's program offers courses in general education, pre-teaching areas, professional studies, and provides the theory and practice needed to be an effective teacher of young children.

SUGGESTED COURSE SEQUENCE

FRESHMAN

EDU 242	Educational Foundations	3	PSY 275	Child & Adolescent Psych.	3
ENG 103	Composition	3	SED 231	Exceptional Children	3
PSY 123	Introduction to Psychology	3	MTH 100	Mathematical Perspectives	3
ENG 112	Speech Communication	3	POL 100	American National Govt.	3
PHL 101	Contemporary Self-Images	3	GEO 201	Earth Science	3
PHE	Physical Education Elective	1	PHE	Physical Education Elective	1
		16		Field Experience	0
					16

SOPHOMORE

EDU 342	Educational Psychology	3	EDU 366	Curriculum in Math.	3
BIO 103	General Biology I	3	BIO 104	General Biology II	3
HIS 103	U.S. History I	3	HIS 104	U.S. History II	3
SOC 110	Anthropology	3	GEO 202	Cultural Geography	3
CPS 120	Introduction to Computing	3	MUS 230	Music Appreciation	3
F&N 205	Nutrition in Early Childhood	3	RLS	Core Elective	3
	Field Experience	0		Field Experience	0
		18			18

JUNIOR

EDU 368	Teaching of Reading	3	EDU 371	Diagnostic Reading	3
EDU 350	Teaching/Learning Strat. I	3	EDU 351	Teaching/Learning Strat. II	3
EDU 362	Curriculum in Early Childhood	3	EDU 363	Methods and Materials in Early Childhood	3
MUS 367	Music in Elementary Schools	3	ART 365	Art Methods	3
ENG 247	American Literature I	3	ENG 248	American Literature II	3
PHY 131	Physical Science	3	ART 161	Art Appreciation	3
	Field Experience	0		Field Experience	0
		18			18

SENIOR

EDU 369	Children's Literature	3	EDU 495	Student Teaching	9
EDU 205	Correction of Communication Disorders	3	EDU 495	Seminar	0
PHL	Core Elective	3	EDU 365	Parenting in Early Childhood	3
RLS	Core Elective	3			12
PHE 301	Physical Education for Children	3			
	Senior Seminar	0			
	Field Experience	0			
		15			

The Curricula

Majors, Specializations and Certifications

Elementary Education
Major

Division of Education
Degree: B.S./Elementary Education
Program Director: John Mullany

College Misericordia's major program in elementary education is respected throughout Northeastern Pennsylvania. The College has graduated teachers since its founding in 1924, and since that time the elementary education program has been continuously refined to keep pace with modern teaching methods and theory. The elementary education program is fully approved by the Pennsylvania Department of Education and leads to a valid teaching certificate honored in Pennsylvania and most other states.

All students who wish to pursue careers in teaching must follow the core curriculum prescribed by College Misericordia. No later than the first semester of the sophomore year, students must apply to the elementary education program and be formally interviewed by the program director.

To remain in the program and be recommended for student teaching, students must maintain a GPA of 2.2 or better overall, and a 2.5 or better in major courses, in addition to successfully completing one or more field experiences.

The field experiences required by the program begin during the freshman year, and involve observation or practicum assignments in community schools. Field experiences are arranged by the director of student teaching.

Students who successfully complete the elementary education program are eligible for recommendation by the College to the Pennsylvania Department of Education for teacher certification. The certificates, entitled "Pennsylvania Instructional I," allow graduates to teach legally in the public schools of Pennsylvania and most other states.

SUGGESTED COURSE SEQUENCE

FRESHMAN

EDU 242	Educational Foundations	3	PSY 275	Child & Adolescent Psych.	3
ENG 103	Composition	3	SED 231	Exceptional Children	3
PSY 123	Introduction to Psychology	3	MTH 100	Mathematical Perspectives	3
ENG 112	Speech Communication	3	POL 100	American National Govt.	3
PHL 101	Contemporary Self-Images	3	GEO 201	Earth Science	3
PHE	Physical Education Elective	1	PHE	Physical Education Elective	1
		16		Field Experience	0
					16

SOPHOMORE

EDU 342	Educational Psychology	3	EDU 366	Curriculum in Math.	3
BIO 103	General Biology I	3	BIO 104	General Biology II	3
HIS 103	U.S. History I	3	HIS 104	U.S. History II	3
SOC 110	Anthropology	3	GEO 202	Cultural Geography	3
CPS 120	Introduction to Computing	3	MUS 230	Music Appreciation	3
RLS	Core Elective	3		Specialization Elective	3
	Field Experience	0		Field Experience	0
		18			18

JUNIOR

EDU 368	Teaching of Reading	3	EDU 371	Diagnostic Reading	3
EDU 350	Teaching Learning Strat. I	3	EDU 351	Teaching Learning Strat. II	3
MUS 367	Music in Elementary School	3	ART 161	Art Appreciation	3
ENG 247	American Literature I	3	ENG 248	American Literature II	3
PHY 131	Physical Science	3	ART 365	Art Methods	3
	Specialization Elective	3		Specialization Elective	3
	Field Experience	0		Field Experience	0
		18			18

SENIOR

EDU 369	Children's Literature	3	EDU 495	Student Teaching	9
EDU 205	Correction of Communication		EDU 495	Seminar	0
	Disorders	3		Specialization Elective	3
PHL	Core Elective	3			12
RLS	Core Elective	3			
	Specialization Elective	3			
	Senior Seminar	0			
	Field Experience	0			
		15			

The Curricula

Majors, Specializations and Certifications

English
Major

Division of Humanities
Degree: B.A./English
Program Director: Sister Ruth Kelly

The major in English assists students in acquiring a comprehensive knowledge of the English language and the literature produced in that language from the Anglo-Saxon times to the present.

The English curriculum emphasizes student progress from practice in writing to mastery of the technique of rhetoric. The program's goal is two-fold: the articulation of ideas, based on trained critical judgment and expressed in clear prose; and the understanding of literary forms, centered particularly in the literature of Great Britain and America.

SUGGESTED COURSE SEQUENCE

FRESHMAN					
ENG 103	Composition	3	ENG 105	Research Paper	3
ENG 221	Major British Writers	3	ENG 222	Major British Writers	3
PSY 123	Introduction to Psychology	3	ENG 112	Speech Communication	3
MTH 100	Mathematical Perspectives	3	PHL 101	Contemporary Self-Images	3
HIS	Core Elective	3	HIS	Core Elective	3
PHE	Elective	1	PHE	Elective	3
		16			18
SOPHOMORE					
ENG 266	Western World Literature	3	ENG 267	Western World Literature	3
ENG 203	Advanced Expository Writing	3	ART 161	Art Appreciation	3
SOC 110	Anthropology	3	POL 100	American National Govt.	3
SCI	Core Elective	3	SCI	Core Elective	3
	Free Elective	3		Free Elective	3
		15		Free Elective	3
					18
JUNIOR					
ENG 247	American Literature	3	ENG 248	American Literature	3
ENG 350	Chaucer OR Shakespeare	3	PSY	Elective	3
RLS	Core Elective	3	PHL	Core Elective	3
PHL 260	Practical Logic	3	MUS 230	Music Appreciation	3
	Free Elective	3		Free Elective	3
		15	ENG 318	Language Studies	3
					18
SENIOR					
ENG 352	19th Century Literature	3	ENG 353	20th Century Literature	3
RLS	Core Elective	3	ENG 415	Selected Studies	3
HIS	Advanced Elective	3	HIS	Advanced Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

General Studies
Major
Degree: B.S. or B.A. General Studies
Program Director: Sr. Joanne Cepelak

The general studies program at College Misericordia was created to provide the opportunity for students who have previous college credits in career oriented programs to earn a Bachelor's Degree through additional study at College Misericordia.

Professional course credits completed in prior study can be combined with additional liberal arts credits and will qualify the candidate for the Bachelor's Degree. The degree obtained may be a Bachelor of Science or a Bachelor of Arts, each with a major in general studies, depending on the courses completed at College Misericordia. Usually, the degree credits can be earned in two years of study at Misericordia. The degree may be earned by attending day and evening classes through the McAuley Weekend College for adults.

Individual programs of study are designed by the student with the assistance of an advisement committee consisting of the program director, the Dean of Admissions and a faculty member from a discipline related to the course of study..

The Curricula

Majors, Specializations and Certifications

Gerontology
Certification

Division of Behavioral Sciences and Social Work
Program Director: Thomas O'Neill

Gerontology is the study of aging, a normal process in the human lifespan. The rapid development and expansion of programs and services for elderly persons in America, and the anticipated increase in the number of persons living to old age, have escalated the demand for professionals trained to work in the field of aging.

The Gerontology program prepares graduates for positions in agencies and institutions which administer health and community-based services for the aged. Career opportunities exist in nursing homes, hospitals, senior citizen centers, area agencies on aging, nutrition programs, rehabilitation centers, social welfare agencies and other organizations. The program also enhances the knowledge and skills of individuals currently involved in the provision of such services.

The Gerontology certificate program is offered to students who are not pursuing a degree at College Misericordia. These individuals may take the Gerontology course of study by itself, or in conjunction with other continuing education courses.

College Misericordia also offers a minor in Gerontology for students pursuing related courses of study at the College.

SUGGESTED COURSE SEQUENCE

GER 241	Introduction to Social Gerontology		3
GER 276	Psychology of Aging		3
GER 306	Health and Physiology of Aging		3
GER 375	Aging Policies and Programs		3
	One (1) course selected from:		3
GER 304	Nutrition and Aging	(3)	
GER 358	Counseling and Older Adult	(3)	
GER 410	Adult Protective Services	(3)	
GER 415	Literature and Aging	(3)	
			15

The Curricula

Majors, Specializations and Certifications

History
Major

Division of Humanities
Degree: B.A./History
Program Director: Louis Maganzin

Following a major course of study in history provides a student with a strong liberal arts background. The study of history can broaden a student's perspective of local, national and international issues. It fosters an understanding of the complexity of human motivation and action and provides a critical approach to looking at the past. College Misericordia's history program cultivates the ability to think, write and speak clearly and precisely with thoroughness and independence. The program is designed to develop a student's personal capability and desire for intellectual growth.

History majors must fulfill the College's core curriculum requirements in addition to completing 36 credits in history. Advanced history courses require six credits of core courses as prerequisite.

Internships for history majors are assigned on the basis of availability. Students must achieve a grade of "C" or better in all major courses.

SUGGESTED COURSE SEQUENCE

FRESHMAN					
HIS 101	History of Western Civ.	3	HIS 102	History of Western Civ.	3
SOC 110	Anthropology	3	PSY 123	Introduction to Psychology	3
ENG 103	Composition	3	MTH 100	Mathematical Perspectives	3
ENG 112	Speech Communication	3	PHL 101	Contemporary Self-Images	3
SCI	Core Elective	3	SCI	Core Elective	3
		15			15
SOPHOMORE					
HIS 103	U.S. Survey to 1877	3	HIS 104	U.S. Survey since 1877	3
POL 100	American National Govt.	3	GEO 202	Cultural World Geography	3
HIS 310	History of England	3	HIS 311	History of Britain	3
ENG	Core Elective	3	ENG	Core Elective	3
RLS	Core Elective	3	PHL	Core Elective	3
	Free Elective	3	SOC 221	Cultural Minorities	3
		18			18
JUNIOR					
HIS 305	Recent American History	3	HIS 390	Junior Research	3
HIS 307	History of Russia	3	HIS 308	History of Soviet Union	3
ENG	Advanced English Elective (Literature)	3	ENG	Advanced English Elective (Literature)	3
PHL	Core Elective	3	ART 161	Art Appreciation	3
MUS 230	Music Appreciation	3	POL	Political Science Elective	3
	Free Elective	3			15
		18			
SENIOR					
HIS	Advanced History Elective	3	HIS	Advanced History Elective	3
RLS	Core Elective	3		Free Electives	12
	Free Electives	9			15
		15			

The Curricula

Majors, Specializations and Certifications

Information Systems
Major

Division of Natural Sciences and Mathematics
Degree: B.S./Information Systems
Program Director: Joseph Tomasovic

The information systems major is an interdisciplinary program designed for students who wish to combine business courses with a core set of computer science courses. The program prepares students for careers in data processing, applications programming, management information/decision systems, or for graduate study in a Master of Business Administration program.

College Misericordia's computer facilities were designed to meet students' academic needs. The principal academic computer at the College is a Digital Equipment Corporation VAX 11/730 with a VMS operating system. The computer is one of the latest in the DEC line; it is a 32-bit word, virtual memory, super-minicomputer. The College's computer facilities also include labs stocked with IBM Personal Computers, a TRS 80 Model II personal computer and Apple II computers. The academic computer facilities are independent of the College's Management Information System.

Information systems majors must meet the core curriculum requirements set by the College, as well as the requirements specific to the major. Students must complete a senior independent project in consultation with their advisors.

SUGGESTED COURSE SEQUENCE

FRESHMAN

CPS 120	Introduction to Computing	3	CPS 121	Programming	3
*MTH 151	Calculus I	4	MTH 152	Calculus II	4
ENG 103	Composition	3	MUS 230	Music Appreciation	3
POL 100	American National Govt.	3	SOC 110	Anthropology	3
HIS	Core Elective	3	HIS	Core Elective	3
		16			16

SOPHOMORE

CPS 231	File Processing	3	CPS 232	Data Structures & Algorithms	3
BUS 120	Accounting I	3	BUS 116	Economics II	3
PSY 123	Introduction to Psychology	3	BUS 121	Accounting II	3
SCI	Core Elective	3	MTH 244	Sets and Logic	3
ENG	Core Elective	3	SCI	Core Elective	3
		15	ENG	Core Elective	3
					18

JUNIOR

CPS	Elective	3	CPS	Elective	3
BUS 280	Fundamentals of Management	3	BUS 170	Marketing I	3
BUS 390	Human Relations OR		MTH 215	Math. Statistics	3
PSY 224	Organizational and Industrial Psychology	3	PHL	Core Elective	3
PHL 101	Contemporary Self-Images	3	RLS	Core Elective	3
RLS	Core Elective	3			15
MTH 241	Linear Algebra	3			
		18			

SENIOR

CPS 431	Software Design	3	CPS 432	Data Base Management	3
BUS 371	Business Finance	3	ART 161	Art Appreciation	3
	Free Electives	9		Free Electives	9
		15			15

*Some students may be required to begin the Mathematics sequence with MTH 108: Precalculus.

The Curricula

Majors, Specializations and Certifications

Liberal Studies
Major

Degree: B.A. or B.S./Liberal Studies
Program Director: Lee Williames

Students who pursue a major in liberal studies may receive either a Bachelor of Arts degree or a Bachelor of Science degree, depending on the selected area or theme of study. In either case, students must complete 128 credits.

The liberal studies major permits students to plan their studies around personal and professional goals. The program is geared to highly motivated and independent students who are capable of individual scholarship. The program enables students to create their own "major" by selecting courses in general areas of interest: fine arts, social science, natural science or humanities, or by pursuing a specific theme of study that would include courses in all these areas. The modes of study in the liberal studies program may be non-traditional and may include independent study, research and seminars, particularly in the junior and senior years.

Liberal studies majors work closely with an advisor throughout the design and implementation of their programs.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
HIS	Core Elective	3	HIS	Core Elective	3
ENG 103	Composition	3	POL 100	American National Govt.	3
SCI	Core Elective	3	SCI	Core Elective	3
SOC 110	Anthropology	3	PSY 123	Introduction to Psychology	3
MTH 100	Mathematical Perspectives	3		Major Specialization	
		15		Survey Course	3
					15
		SOPHOMORE			
RLS	Core Elective	3	RLS	Core Elective	3
PHL	Core Elective	3	PHL	Core Elective	3
ENG	Core Elective	3	ENG	Core Elective	3
MUS 230	Music Appreciation	3	ART 161	Art Appreciation	3
	Major Specialization			Major Specialization	
	Survey Course	3		Survey Course	3
		15			15
		JUNIOR			
	Major Specialization			Major Specialization	
	Survey Course	3		Advanced Courses	6
	Advanced Courses	3		Minor I	3
	Minor I	6		Minor II	6
	Minor II	3		Free Elective	3
	Free Elective	3			18
		18			
		SENIOR			
	Major Specialization			Major Specialization	
	Advanced Courses	6		Advanced Courses	6
	Minor I	3		Minor I	3
	Minor II	3		Minor II	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Management
Specialization

Division of Business Administration
Degree: B.S./Business Administration
Program Director: Donald Skiff

Students who major in business administration may choose to focus on a specific area of the business environment. Management is one of the business specializations offered by College Misericordia to meet individual student needs and interests.

The management specialization provides course work in a wide variety of management-related fields, including personnel administration and labor management relations. Graduates begin their careers in such areas as hospital administration, sales, public administration, production management and retail management.

Students who specialize in management while pursuing their degree in business administration must achieve a grade of "C" or better in all required major courses. A course may be repeated once; if a grade of "C" or better is not achieved, the student will be dismissed from the business administration program.

SUGGESTED COURSE SEQUENCE

FRESHMAN					
BUS 115	Economics I	3	BUS 116	Economics II	3
BUS 120	Accounting I	3	BUS 121	Accounting II	3
ENG 103	Composition	3	BUS 170	Marketing I	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
HIS	Core Elective	3	HIS	Core Elective	3
BUS 453	ST Career Choice	1			15
		16			
SOPHOMORE					
BUS 240	Money and Banking	3	BUS 210	Comparative Economics	3
BUS 280	Fundamentals of Management	3	BUS 215	Salesmanship and Sales Management	3
MTH 115	Basic Statistics I	3	MTH 116	Basic Statistics II	3
PHL 101	Contemporary Self-Images	3	ENG	Core Elective	3
ENG	Core Elective	3	ENG 318	Language Studies	3
PSY 123	Introduction to Psychology	3	PSY 224	Organizational and Industrial Psychology	3
		18			18
JUNIOR					
BUS 371	Business Finance	3	BUS 385	Production/Operations Management	3
BUS 382	Personnel and Industrial Relations	3	SCI	Core Elective	3
ENG 112	Speech Communication	3	RLS	Core Elective	3
MUS 230	Music Appreciation	3	POL 100	American National Govt.	3
SCI	Core Elective	3		Free Elective	3
PHL	Core Elective	3			15
		18			
SENIOR					
BUS 410	Legal Environment of Business	3	BUS 430	Information Systems in Management	3
BUS 420	Small Business Management	3	BUS 491	Seminar in Business Policies	3
HIS 305	Recent American Domestic History	3	SOC 110	Anthropology	3
ART 161	Art Appreciation	3	RLS	Core Elective	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Marketing
Specialization

Division of Business Administration
Degree: B.S./Business Administration
Program Director: Theresa Ansilio

Students who major in business administration may choose to focus on a specific area of the business environment. Marketing is one of the business specializations offered to meet individual student needs and interests.

College Misericordia's marketing specialization prepares students for employment in the marketing field, or for further study at the graduate level. Graduates obtain jobs as sales executives, market research analysts, product/service managers, manufacturer's representatives and in many other marketing-related positions. Opportunities in the field of marketing are expanding rapidly as organizations discover the importance of marketing techniques to their continued success.

A grade of "C" or better is required in all courses leading to a degree in business administration. A student may repeat a course once; if a grade of "C" or better is not achieved, the student will be dismissed from the business administration program.

SUGGESTED COURSE SEQUENCE

FRESHMAN

BUS 115	Economics I	3	BUS 116	Economics II	3
BUS 120	Accounting I	3	BUS 121	Accounting II	3
ENG 103	Composition	3	BUS 170	Marketing I	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
HIS	Core Elective	3	HIS	Core Elective	3
BUS 453	ST Career Choice	1			15
		16			

SOPHOMORE

BUS 270	Marketing II	3	BUS 210	Comparative Economics	3
BUS 280	Fundamentals of Management	3	BUS 215	Salesmanship and Sales Management	3
MTH 115	Basic Statistics I	3	MTH 116	Basic Statistics II	3
PHL 101	Contemporary Self-Images	3	ENG 318	Language Studies	3
ENG	Core Elective	3	ENG	Core Elective	3
PSY 123	Introduction to Psychology	3	PSY 224	Organizational and Industrial Psychology	3
		18			18

JUNIOR

BUS 312	Principles of Retailing	3	BUS 340	Advertising	3
BUS 371	Business Finance	3	POL 100	American National Govt.	3
ENG 112	Speech Communication	3	SCI	Core Elective	3
MUS 230	Music Appreciation	3	RLS	Core Elective	3
SCI	Core Elective	3		Free Elective	3
PHL	Core Elective	3			15
		18			

SENIOR

BUS 410	Legal Environment of Business	3	BUS 450	ST Marketing Research	3
BUS 420	Small Business Management	3	BUS 491	Seminar in Business Policies	3
HIS 305	Recent American Domestic History	3	SOC 110	Anthropology	3
ART 161	Art Appreciation	3	RLS	Core Elective	3
	Free Elective	3		Free Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Mathematics
Major

Division of Natural Sciences and Mathematics
Degree: B.S. or B.A./Mathematics
Program Director: Joseph Tomasovic

Mathematics has been called the "queen of the sciences." In recent years, the increased use of statistics and quantitative methods, and the computer revolution, have caused mathematics to pervade not only the physical sciences, but the life and social sciences as well. Mathematical techniques are widely used in research, in industry, manufacturing, commerce and government. Recognizing these broad applications, College Misericordia designed its major program in math to expose students to both classical and contemporary mathematics.

The mathematics major prepares students for careers in business, industry or government, or for future study in graduate or professional school.

Students may choose to pursue either a B.S. or a B.A. degree in mathematics. The required math courses for either degree are the same. Students who choose a B.A. must complete PHY 221-222; those choosing a B.S. must complete PHY 221-222 **and** *either* CHM 133-134 or BIO 101-102.

Students who major in mathematics must achieve a grade of "C" or better in all major courses. Students must fulfill the core curriculum requirements of the College in addition to the minimum of 33 credits in math.

SUGGESTED COURSE SEQUENCE

FRESHMAN					
MTH 151	Calculus I	4	MTH 152	Calculus II	4
CPS 120	Introduction to Computing	3	CPS 121	Programming	3
ENG 103	Composition	3	MUS 230	Music Appreciation	3
*SCI	Elective	4	*SCI	Elective	4
HIS	Core Elective	3	HIS	Core Elective	3
		17			17
SOPHOMORE					
MTH 225	Calculus III	4	MTH 244	Sets and Logic	3
PHY 221	General Physics I	4	PHY 222	General Physics II	4
PSY 123	Introduction to Psychology	3	ART 161	Art Appreciation	3
ENG	Core Elective	3	ENG	Core Elective	3
POL 100	American National Govt.	3	SOC 110	Anthropology	3
		17			16
JUNIOR					
MTH 241	Linear Algebra	3	MTH 215	Math. Statistics	3
MTH 363	Abstract Algebra I	3	MTH 364	Abstract Algebra II OR	
PHL 101	Contemporary Self-Images	3		Math Elective	3
RLS	Core Elective	3	PHL	Core Elective	3
	Free Elective	3	RLS	Core Elective	3
		15		Free Elective	4
					16
SENIOR					
MTH 341	Analysis I	3	MTH 342	Analysis II OR	
	Free Electives	12		Math Elective	3
		15		Free Electives	12
					15

**Science Electives—8 credits—for Bachelor of Science program only.*

NOTE: Some upper level courses will be offered in alternate years.

The Curricula

Majors, Specializations and Certifications

Mathematics/Computer Science
Combined Major

Division of Natural Sciences and Mathematics
Degree: B.S./Mathematics and Computer Science
Program Director: Joseph Tomasovic

College Misericordia offers a double major in mathematics and computer science which leads to a Bachelor of Science degree. The program is designed for students with strong interests in each of these fields. The program is excellent preparation for graduate study, and also provides a solid background for employment in the ever-growing fields of statistics and computer science.

The individual curricula for the mathematics and computer science majors are very similar. To obtain a double major, students must complete the requirements for the degree in computer science, and take four additional math courses.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
CPS 120	Introduction to Computing	3	CPS 121	Programming	3
MTH 151	Calculus I	4	MTH 152	Calculus II	4
ENG 103	Composition	3	MUS 230	Music Appreciation	3
POL 100	American National Govt.	3	SOC 110	Anthropology	3
HIS	Core Elective	3	HIS	Core Elective	3
		16			16
		SOPHOMORE			
CPS 231	File Processing	3	CPS 232	Data Structures & Algorithms	3
MTH 225	Calculus III	4	MTH 244	Sets and Logic	3
PHY 221	General Physics I	4	PHY 222	General Physics II	4
PSY 123	Introduction to Psychology	3	ART 161	Art Appreciation	3
ENG	Core Elective	3	ENG	Core Elective	3
		17			16
		JUNIOR			
CPS 221	Computer Systems	3	CPS 222	Computer Organization	3
CPS 331	Programming Languages	3	CPS 412	Computers and Society	3
MTH 241	Linear Algebra	3	MTH 215	Math. Statistics	3
MTH 363	Abstract Algebra I	3	MTH 364	Abstract Algebra II OR	
PHL 101	Contemporary Self-Images	3		Math Elective	3
RLS	Core Elective	3	RLS	Core Elective	3
		18			15
		SENIOR			
CPS 321	Operating Systems	3	CPS 421	Numerical Analysis	3
CPS 431	Software Design	3	CPS 432	Data Base Management	3
MTH 341	Analysis I	3	MTH 342	Analysis II OR	
PHL	Core Elective	3		Math Elective	3
	Free Elective	3		Free Electives	6
		15			15

NOTE: *Some upper level courses will be offered in alternate years.*

The Curricula

Majors, Specializations and Certifications

Medical Technology
Major

Division of Allied Health Professions
Degree: B.S./Medical Technology
Program Director: Stanley Knapich

Through its affiliation with hospital schools of medical technology, College Misericordia's med tech program enables students to complete the requirements for a Bachelor of Science degree in four years.

Medical technology majors should apply for acceptance to an affiliated hospital program at the end of their fourth semester at College Misericordia. Admission to a hospital school of medical technology for the fourth year of study is not guaranteed. If a student is not admitted to such a program, the curriculum is arranged so that the student completes a four-year biology program at Misericordia.

Hospitals affiliated with College Misericordia's medical technology program are Wilkes-Barre General; Robert Packer Hospital in Sayre; Divine Providence Hospital in Williamsport; Sacred Heart Hospital in Allentown; Lancaster General Hospital; Polyclinic Medical Center in Harrisburg and the Scranton Medical Technology Consortium.

The medical technology program does not award credit for past hospital training.

SUGGESTED COURSE SEQUENCE

FRESHMAN

BIO 101	Botany and Introductory Biological Principles	4	BIO 102	Zoology	4
MTH 151	Calculus I	4	BIO 150	Intro. Medical Technology	1
			CHM 134	Chemical Principles II	4
CHM 133	Chemical Principles I	4	SOC 100	Anthropology	3
ENG 103	Composition	3	RLS	Core Elective	3
		15			15

SOPHOMORE

BIO 251	Comparative Anatomy and Histotechnique I	4	BIO 252	Comparative Anatomy and Histotechnique II	4
CPS 120	Introduction to Computing	3	CHM 244	Organic Chemistry II	4
CHM 243	Organic Chemistry I	4	PSY 123	Introduction to Psychology	3
ENG	Core Elective	3	ENG	Core Elective	3
MUS 230	Music Appreciation	3	POL 100	American National Govt.	3
		17			17

JUNIOR

HIS	Core Elective	3	BIO 243	Microbiology	4
PHY 221	General Physics I	4	BIO 346	General Physiology	4
CHM 353	Biochemistry	3	BIO 360	Immunology	1
PHL 101	Contemporary Self-Images	3	PHL	Core Elective	3
RLS	Core Elective	3	ART 161	Art Appreciation	3
		16	HIS	Core Elective	3
					18

SENIOR

BIO 482	Hospital Practicum	16	BIO 483	Hospital Practicum	16

The Curricula

Majors, Specializations and Certifications

Merchandising
Specialization

Division of Business Administration
Degree: B.S. / Business Administration
Program Director: Mary Carden

Students who major in business administration may choose to focus on a specific area of the business environment. Merchandising is one of the business specializations offered by the College to meet individual student needs and interests.

Merchandising graduates are employed as retail buyers, sales representatives, and in positions related to advertising and consumer behavior.

Students who specialize in merchandising must complete the core curriculum requirements of the College, as well as the merchandising course requirements. All merchandising students undertake field work in a major retailing concern.

SUGGESTED COURSE SEQUENCE

FRESHMAN

BUS 115	Economics I	3	BUS 116	Economics II	3
BUS 120	Accounting I	3	BUS 121	Accounting II	3
ENG 103	Composition	3	BUS 170	Marketing I	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
HIS	Core Elective	3	HIS	Core Elective	3
BUS 453	ST Career Choice	1			15
		16			

SOPHOMORE

BUS 225	Introduction to Clothing Design	3	BUS 210	Comparative Economics	3
BUS 701	Introduction to Clothing Lab	0	BUS 260	Textiles	3
BUS 280	Fundamentals of Management	3	BUS 703	Textiles Lab	0
MTH 115	Basic Statistics I	3	MTH 116	Basic Statistics II	3
PHL 101	Contemporary Self-Images	3	ENG 318	Language Studies	3
ENG	Core Elective	3	ENG	Core Elective	3
PSY 123	Introduction to Psychology	3	PSY 224	Organizational and Industrial Psychology	3
		18			18

JUNIOR

BUS 312	Principles of Retailing	3	BUS 302	History of Costume	3
BUS 371	Business Finance	3	POL 100	American National Govt.	3
SCI	Core Elective	3	SCI	Core Elective	3
ENG 112	Speech Communication	3	RLS	Core Elective	3
MUS 230	Music Appreciation	3		Free Elective	3
PHL	Core Elective	3			15
		18			

SENIOR

BUS 410	Legal Environment of Business	3	BUS 465	ST Visual Merchandising	3
BUS 425	Fashion Marketing Buying	3	BUS 471	Retail Store Affiliation	3
BUS 471	Retail Store Affiliation	3	BUS 491	Seminar in Business Policies	3
HIS 305	Recent American Domestic History	3	SOC 110	Anthropology	3
ART 101	Art Appreciation	3	RLS	Core Elective	3
		15			15

The Curricula

Majors, Specializations and Certifications

Music Education
Major

Division of Fine Arts
Degree: B.M./Music Education
Program Director: Sister Mary Carmel McGarigle

College Misericordia's program in music education prepares graduates to teach in today's public schools in accordance with artistic standards and current, creative teaching methods. The curriculum is designed primarily for those who wish to qualify for teaching, and leads to a Bachelor of Music degree as well as a Pennsylvania certificate in music education. Some students elect to pursue a double major in music education and music therapy.

In addition to meeting the College's general admission requirements, music education majors must successfully audition in their major performance area. A theory test is given at the time of audition. A senior recital is a requirement of the music education program.

All music students participate in College Chorus for eight semesters. Other ensemble activity depends upon the student's area of interest.

SUGGESTED COURSE SEQUENCE

FRESHMAN					
MUS 010-020	Music Theory	4	MUS 030-040	Music Theory	4
MUS	Applied Music	2	MUS	Applied Music	2
MUS 105	String Class	1	MUS 106	String Class	1
MUS 107	Dance	1	MUS 108	Dance	1
MUS 111	Voice Class	1	MUS 601	College Chorus	.5
MUS 104	Percussion Class	1	EDU 242	Educational Foundations	3
MUS 601	College Chorus	.5	PHL 101	Contemporary Self-Images	3
HIS	Core Elective	3	HIS	Core Elective	3
ENG 103	Composition	3			17.5
		16.5			
SOPHOMORE					
MUS 282	Lab Band	1	MUS 283	Lab Band	1
MUS 205	Survey of Music History	3	MUS 206	Survey of Music History	3
MUS 050-060	Music Theory	4	MUS 070-080	Music Theory	4
MUS 211	Wind Instrument Class	1	MUS 212	Wind Instrument Class	1
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
MUS	Applied Music	2	MUS	Applied Music	2
ENG	Core Elective	3	ENG	Core Elective	3
RLS	Core Elective	3	PSY 123	Introduction to Psychology	3
		17.5			17.5
JUNIOR					
MUS 282	Lab Band	1	MUS 364	Music Education	3
MUS 327	Conducting	2	MUS 317	20th Century Trends	3
ART 161	Art Appreciation	3	MUS 370	Instrumental Methods	2
MUS 363	Music Education	3	MUS	Applied Music	2
MUS	Applied Music	2	MUS 601	College Chorus	.5
MUS 601	College Chorus	.5	SCI	Core Elective	3
EDU 342	Educational Psychology	3	MTH 100	Mathematical Perspectives	3
SCI	Core Elective	3			16.5
		17.5			
SENIOR					
MUS	Applied Music	2	MUS	Applied Music	2
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
PHL	Core Elective	3	MUS 412	Orchestration	2
EDU 495	Student Teaching	9	SOC 110	Anthropology	3
		14.5		Free Elective	3
			POL 100	American National Govt.	3
			RLS	Core Elective	3
					16.5

The Curricula

Majors, Specializations and Certifications

Music Therapy
Major

Division of Fine Arts
Degree: B.M./Music Therapy
Program Director: Sister Lucille Cormier

The music therapy program provides students with a liberal arts background as well as clinical practicum experience in music therapy. Students work with the aged, exceptional children, retarded adults and the mentally ill.

Requirements for graduation include six semesters or 120 client contact hours under supervision, and a senior recital or research project.

Beginning in the sophomore year, students must provide their own transportation to the clinical practicum. With the approval of the program director, transfer music therapy students may acquire 40 of the required 120 client contact hours during summers and holidays.

After the senior year, to be eligible for registration status, students must successfully complete a six-month internship at a facility approved by the National Association of Music Therapy.

SUGGESTED COURSE SEQUENCE

FRESHMAN

MUS 010-020	Music Theory	4	MUS 030-040	Music Theory	4
MUS 145	Orientation to Therapy	3	MUS 159	Class Guitar	1
MUS 105	String Class	1	MUS 253	Music Therapy Techniques	2
MUS 111	Voice Class	1	MUS 601	College Chorus	.5
MUS 601	College Chorus	.5	MUS	Applied Music	2
MUS	Applied Music	2	HIS	Core Elective	3
HIS	Core Elective	3	PHL 101	Contemporary Self-Images	3
ENG 103	Composition	3			15.5
		17.5			

SOPHOMORE

MUS 050-060	Music Theory	4	MUS 070-080	Music Theory	4
MUS 205	Survey of Music History	3	MUS 206	Survey of Music History	3
MUS 282	Lab Band	1	MUS 283	Lab Band	1
MUS 211	Wind Instrument Class	1	MUS 212	Wind Instrument Class	1
MUS 380	Clinical Practicum	1	MUS 251	Music in Therapy	3
MUS	Applied Music	2	MUS 380	Clinical Practicum	1
MUS 601	College Chorus	.5	MUS	Applied Music	2
PSY 123	Introduction to Psychology	3	MUS 601	College Chorus	.5
RLS	Core Elective	3	EDU	Special Education	3
		18.5			17.5

JUNIOR

MUS 327	Conducting	2	MUS 317	20th Century Trends	3
MUS	Applied Music	2	MUS	Applied Music	2
MUS 380	Clinical Practicum	1	MUS 380	Clinical Practicum	1
MUS 601	College Chorus	.5	MUS 601	College Chorus	.5
MUS 282	Lab Band	1	ENG	Core Elective	3
ENG	Core Elective	3	PSY 430	Abnormal Psychology	3
BIO 103	General Biology	3	BIO 205	Anatomy and Physiology	3
MUS 352	Influence of Music	3		Free Elective	3
		15.5			18.5

SENIOR

MUS 104	Percussion	1	MUS 108	Dance	1
MUS 107	Dance	1	MUS 380	Clinical Practicum	1
MUS 380	Clinical Practicum	1	MUS 454	Psychology of Music	2
MUS 453	Psychology of Music	2	MUS	Applied Music	2
MUS	Applied Music	2	MUS 601	College Chorus	.5
MUS 601	College Chorus	.5	MUS 412	Orchestration	2
RLS	Core Elective	3	PHL 222	Medical Ethics	3
MTH 100	Mathematical Perspectives	3	POL 100	American National Govt	3
ART 101	Art Appreciation	3	SOC 110	Anthropology	3
		16.5			17.5

The Curricula

Majors, Specializations and Certifications

Nursing
Major
Division of Nursing
Degree: B.S./Nursing
Program Director: Sheila Pringle

PHILOSOPHY
College Misericordia's nursing faculty is concerned with the worth and dignity of the total person. The Division of Nursing strives for a holistic view of man, taking into account physical structure, mind, spirit, and both the physical and social environment in which one lives. Man is perceived within the context of a family unit, a unit which maintains the stability of society while it provides the flexibility necessary for the individual growth of all its members.

It is the Nursing Division's philosophy that health and illness are intricately related in the dynamics of wellness. It is believed that the level of wellness attained by an individual is directly related to and influenced by the family's and the community's level of wellness. The nursing faculty believes that a person has a right to that level of wellness which enables the maximization of potential as an individual, as a family member and as a community leader.

The practice of professional nursing is an essential service which assists in the prevention of illness and the promotion, maintenance and restoration of wellness. The professional nurse accepts the responsibility for obtaining the knowledge and skills necessary to reach that goal.

The nursing student at College Misericordia is prepared to be a generalist who with other professional and allied health personnel can provide health care services to persons, families and community groups in a variety of settings. The nursing program at Misericordia educates the beginning professional nurse to provide vital, effective nursing services in a total health care system.

The nursing process draws upon intellectual, interpersonal and technical skills. The nursing program provides for the development of these skills through a curriculum which includes both a strong liberal arts background as well as theoretical and practical nursing training. Students learn to assess, plan, implement and evaluate health and nursing care services.

The nursing program provides a sound educational base for graduate study. The College also offers a Master of Science in Nursing degree program.

POLICIES
In addition to the general policies of College Misericordia, the following regulations apply to students in the Division of Nursing:

Off-Campus Student Employment
It is the policy of the Division of Nursing that students carrying 12 credit hours cannot commit themselves to more than 24 hours a week in off-campus positions. Full time nursing students who wish to work part time should discuss their plans with their faculty nursing advisor.
When students are employed in a health agency, they may not perform the functions of a professional or practical nurse.

The Curricula

Majors, Specializations and Certifications

Nursing
Major

Academic Advisement
Faculty members assist students in planning their academic schedules each semester. Faculty advisors are available to provide individual counseling and advisement as needs arise.

Absences
Students are expected to attend classes and clinical practica. Absences are permitted only in unusual circumstances. Making up time lost will be left to the discretion of the faculty.

Transportation to Cooperating Agencies
Students are responsible for their own transportation to and from hospitals and other clinical agencies. Each student is required to have an automobile for Community Health Nursing. Area health agencies cooperating with the nursing program include: Community Medical Center, Scranton; Friendship House, Scranton; Leader East Rehabilitation Center, Kingston; Mercy Hospital, Scranton; Mercy Hospital, Wilkes-Barre; Nesbitt Memorial Hospital, Kingston; Pennsylvania Department of Health, Luzerne and Lackawanna Counties; Tyler Memorial Hospital, Tunkhannock; Veteran's Administration Medical Center, Wilkes-Barre; Wilkes-Barre General Hospital, Wilkes-Barre, and others.

Special Expenses
In addition to the College tuition and fees, expenses for the nursing program include: nursing uniforms, laboratory and nursing fees, malpractice insurance, National League for Nursing Achievement and/or other assessment tests, State Board of Nursing Examination, and the nursing pin.

Insurance
Malpractice insurance coverage is required prior to enrolling in any course with a Nursing number.

Physical Examinations
Annual physical exams are required for admission to nursing courses and records of the exams must be on file in the Student Health Services office by July 1 of each school year. Health requirements specified by the Division of Nursing must be fulfilled.

GRADE REQUIREMENTS
All nursing majors must maintain a cumulative grade point average of 2.0. If a student receives a grade lower than "C" in a required course, the student may repeat the course once, and must achieve a grade of "C+" or better. In such cases, the required sequence of study is disrupted and additional time will be required to complete the program.

Students who successfully repeat the required course and thereafter receive a grade lower than "C" in another required course will automatically be dismissed from the Division of Nursing.

If a student receives a grade lower than "C" in more than one required course in a single semester, the student will automatically be dismissed from the Division of Nursing.

The Curricula

Majors, Specializations and Certifications

Nursing
Major

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
CHM 104	General Chemistry	3	*PSY 123	Introduction to Psychology	3
*SOC 110	Anthropology	3	CHM 203	Intro. Organic Chemistry	4
HIS	Core Elective	3	#F&N 241	Fundamentals of Nutrition	3
ENG 103	Composition	3	MTH 100	Mathematical Perspectives	3
ART 161	Art Appreciation	3	HIS	Core Elective	3
		15			16
		SOPHOMORE			
NSG 279	Introduction to Concepts of Nursing Process	4	NSG 280	Human Needs Assessment of Individual	4
BIO 211	Anatomy and Physiology	4	BIO 212	Anatomy and Physiology	4
*BIO 227	Bacteriology	4	*SOC 321	The Family	3
#POL 100	American National Govt.	3	MUS 230	Music Appreciation	3
		15	PHL 101	Contemporary Self-Images	3
					17
		JUNIOR			
*NSG 381	Family Centered Adult Health	10	*NSG 382	Family Centered Parent/ Child Health	10
*NSG 390	Nursing Research	3	ENG	Core Elective	3
ENG	Core Elective	3	RLS	Core Elective	3
		16			16
		SENIOR			
*NSG 481	Community Health— Mental Health Nursing	10	*NSG 482	Nursing Leadership and Management	8
*NSG 490	Issues and Trends in Nursing and Health Care System	3	RLS	Core Elective	3
			PHL	Core Elective	3
	Free Elective	3		Free Elective	3
		16			16

**Course may be taken fall or spring semester.*
#Course may be taken spring of freshman year or fall of sophomore year.

The Curricula

Majors, Specializations and Certifications

Occupational Therapy

Major
Division of Allied Health Professions
Degree: B.S./Occupational Therapy
Program Director: Stephen Heater

College Misericordia's program in occupational therapy provides students with the knowledge, skills and techniques necessary to assume entry level positions as registered occupational therapists. The program's academic and clinical course of study meets the requirements of the American Occupational Therapy Association.

The primary responsibility of the occupational therapist is to help the disabled and disadvantaged achieve a maximum level of independent functioning in self-care, work and leisure activities. Occupational therapy graduates are readily employed in clinics, hospitals, rehabilitation centers, mental retardation centers, schools, nursing homes, well baby clinics, psychiatric centers, and other related human service agencies. The College's program is associated with more than 60 hospitals nationwide which provide comprehensive clinical options for OT students.

College Misericordia expects that by June of 1985, the occupational therapy program will be accredited by the American Occupational Therapy Association. Graduates of a duly accredited program are eligible to sit for the national certification examination to become registered occupational therapists.

POLICIES
In addition to the general policies of College Misericordia, the following regulations apply to occupational therapy majors:

Fieldwork
Students are responsible for their transportation and travel costs to and from assigned practicum and fieldwork centers. Such assignments begin in the sophomore year and continue throughout the program. Students should expect to pay room and board expenses during the senior year fieldwork assignments in the event that the affiliated hospital or clinic does not cover them.

Related Expenses
Additional expenses for OT students normally include laboratory fees, uniforms, name pins, school patches, malpractice liability insurance and registration examination fee. Although not required, students are urged to join the American Occupational Therapy Association and the Pennsylvania Occupational Therapy Association at the reduced student rates.

The Curricula

Majors, Specializations and Certifications

Occupational Therapy
Major

GRADE REQUIREMENTS
All OT majors must maintain a cumulative grade point average of 2.0. If a student receives a grade lower than "C" in a natural or behavioral science course, the student may repeat the course once, realizing that the required sequence of study has been disrupted and additional time will be required to complete the program. Students who successfully repeat such a course and thereafter receive a grade lower than "C" in a natural or behavioral science course, will automatically be dismissed from the occupational therapy program.

If a student receives a grade lower than "C" in an occupational therapy course, the student may repeat the course once. Students who successfully repeat an OT course and thereafter receive a grade lower than "C" in such a course will be automatically dismissed from the occupational therapy program.

For specific admission criteria pertinent to the occupational therapy program, see the section on Admissions Requirements.

The Curricula

Majors, Specializations and Certifications

Occupational Therapy
Major

SUGGESTED COURSE SEQUENCE

FRESHMAN

OT 101	Seminar	0	OT 102	Seminar	0
CHM 103	General Chemistry	3	CHM 104	General Chemistry	3
PSY 123	Introduction to Psychology	3	PSY 275	Child & Adolescent Psych.	3
ENG 103	Composition	3	ENG 112	Speech Communication	3
HIS	Core Elective	3	HIS	Core Elective	3
MTH 100	Mathematical Perspectives	3	SOC 110	Anthropology	3
		15	ART 161	Art Appreciation	3
					18

SOPHOMORE

OT 201	Human Development and Occupational Performance	4	OT 202	History, Philosophy and Functions	4
OT 209	Occupational Processes and Analysis I	2	OT 210	Occupational Processes and Analysis II	2
OT 215	Conditions I	2	OT 216	Conditions II	2
BIO 219	Anatomy and Physiology	3	BIO 220	Anatomy and Physiology	3
MTH 115	Basic Statistics	3	PSY 430	Abnormal Psychology	3
MUS 230	Music Appreciation	3	POL 100	American National Govt.	3
		17			17

JUNIOR

OT 301	OT Intervention I	4	OT 302	OT Intervention II	4
OT 309	Sensorimotor Processes and Occupational Perform.	3	OT 310	Movement, Measurement, and Occupational Perform.	3
OT 315	Practicum I	2	OT 316	Practicum II	2
ENG	Core Elective	3	ENG	Core Elective	3
RLS	Core Elective	3	RLS	Core Elective	3
PHL 101	Contemporary Self-Images	3			15
		18			

SENIOR

PSY 232	Research Methods	3	OT 450	Fieldwork in Psycho-Social Rehabilitation	7
OT 401	OT Intervention III	4			
OT 417	Practicum III	2	OT 454	Fieldwork in Physical-Social Rehabilitation	7
OT 419	Administration and Supervision	2	OT 456	Special Interest Fieldwork (Optional)	3
PHL	Core Elective	3			
		14			14

The Curricula

Occupational Therapy Clinical Associates

COLORADO

Wheat Ridge Developmental Center
Wheat Ridge, Colorado
Ardeth Powell, OTR, Director of Occupational Therapy

Newington Children's Hospital
Newington, Connecticut
Walter J. Farrell, OTR, Director of Occupational Therapy

CONNECTICUT

Gaylord Hospital
Wallingford, Connecticut
Carolyn Morrone, OTR, Director of Occupational Therapy

DELAWARE

Alfred I. DuPont Institute
Wilmington, Delaware
Carol E. Gunnip, OTR, Student Supervisor

Delaware Curative Workshop
Wilmington, Delaware
Marnie King, OTR, Fieldwork Supervisor

The Delaware Learning Center
Wilmington, Delaware
Jean Reed, OTR, Fieldwork Supervisor

John G. Leach School
New Castle, Delaware
May Yokoyama, OTR, Director of Occupational Therapy

Stockley Center
Georgetown, Delaware
Elizabeth Dahl, OTR, Fieldwork Supervisor

ILLINOIS

Mercy Hospital and Medical Center
Chicago, Illinois
Barbara Townsend, OTR, Director of Occupational Therapy

Michael Reese Hospital and Medical Center
Chicago, Illinois
Barbara Christie, OTR, Chief of Occupational Therapy

KENTUCKY

Institute of Physical Medicine and Rehabilitation
Louisville, Kentucky
Sandra Duncan, OTR, Student Coordinator

MASSACHUSETTS

Massachusetts Rehabilitation Hospital
Boston, Massachusetts
Mary Mason, OTR, Assistant Director of Occupational Therapy

McLean Hospital
Belmont, Massachusetts
Frances Palmer, OTR, Director of Rehabilitation Services

Dr. Solomon Carter Fuller Mental Health Center
Boston, Massachusetts
Suzanne Poirier, OTR, Director of Occupational Therapy

Veterans Administration Medical Center
Northampton, Massachusetts
Joanne Douglas, OTR, Director of Occupational Therapy

NEW JERSEY

Betty Bacharach Rehabilitation Hospital
Pomona, New Jersey
Sharon Grunow, OTR, Occupational Therapy Supervisor/Clinical Coordinator

Children's Seashore House
Atlantic City, New Jersey
Michele Geballa Chamberlain, OTR, Fieldwork Coordinator

Children's Specialized Hospital
Mountainside-Westfield, New Jersey
Debra Chasanoff, OTR, Fieldwork Supervisor

Garden State Rehabilitation Hospital
Toms River, New Jersey
Mary Billy Wesley, OTR, Student Supervisor

John F. Kennedy Medical Center
Edison, New Jersey
Diane Scheider, OTR, Assistant Director of Occupational Therapy

Kessler Rehabilitation Institute
West Orange, New Jersey
Cecilia Speranza, OTR, Assistant Director of Occupational Therapy

The Curricula

Occupational Therapy Clinical Associates

NEW JERSEY

Rehabilitation Center for the Handicapped
Morris Plains, New Jersey
Karen Novick, OTR, Director of Occupational Therapy

St. Barnabas Medical Center
Irvington, New Jersey
Randie Sperling-Mateo, OTR, Director of Occupational Therapy

St. Lawrence Rehabilitation Center
Lawrenceville, New Jersey
Pamela Moore, OTR, Director of Occupational Therapy

Trenton Psychiatric Center
Trenton, New Jersey
Marie Peterson, OTR, Director of Occupational Therapy

NEW YORK

Churchill School
New York City, New York
Nancy Carroll, OTR, Fieldwork Supervisor

Helen Hayes Hospital
West Haverstraw, New York
Lori E. MacLeod, OTR, Student Program Coordinator

J. N. Adam Developmental Center
Perrysburg, New York
Peggy Stratton, OTR, Occupational Therapy Coordinator

Long Island Jewish Hillside Medical Center
New Hyde Park, New York
Mary Donahue, OTR, Fieldwork Supervisor

Lubin Rehabilitation Center
Bronx, New York
Ruth English, OTR, Director of Occupational Therapy

Wassaic Development Center
Wassaic, New York
Deborah Shaffer, OTR, Fieldwork Supervisor

OHIO

Ohio State University Hospital
Columbus, Ohio
Anne Brennan, OTR, Student Supervisor
Patricia Warneke, OTR, Student Supervisor

PENNSYLVANIA

Abington Memorial Hospital
Abington, Pennsylvania
Barbara Haegele, OTR, Director of Occupational Therapy

Allentown State Hospital
Allentown, Pennsylvania
C. Thomas North, OTR, Director of Occupational Therapy

Allied Services for the Handicapped
Scranton, Pennsylvania
Judith Doss, OTR, Clinical Coordinator

Altoona Hospital
Altoona, Pennsylvania
Margery Button, OTR, Director of Occupational Therapy and Recreational Therapy

Bryn Mawr Rehabilitation Hospital
Malvern, Pennsylvania
Paula Varland, OTR, Clinical Education Supervisor

Community Mental Health Center of Beaver County
Rochester, Pennsylvania
Dorothy Witke, OTR, Fieldwork Supervisor

Children's Hospital of Philadelphia
Philadelphia, Pennsylvania
Lisa Kurtz, OTR, Director of Occupational Therapy

Clarks Summit State Hospital
Clarks Summit, Pennsylvania
Karl Young, OTR, Director of Occupational Therapy

Coatesville Veterans Administration Medical Center
Coatesville, Pennsylvania
Phyllis Breuninger, OTR, Chief of Occupational Therapy

Colonial-Northampton Intermediate Unit 20
Nazareth, Pennsylvania
Sally L. Abruzzese, OTR, Fieldwork Supervisor

Crozer-Chester Medical Center
Chester, Pennsylvania

Elizabethtown Hospital and Rehabilitation Center of the Pennsylvania State University
Elizabethtown, Pennsylvania
Jean Savina, OTR, Fieldwork Supervisor

The Curricula

Occupational Therapy Clinical Associates

PENNSYLVANIA

Eugenia Hospital
Lafayette Hills, Pennsylvania
June Villeco, OTR, Director of Occupational Therapy

Harmarville Rehabilitation Center
Pittsburgh, Pennsylvania
Martha Smyers, OTR, Fieldwork Supervisor

Harrisburg State Hospital
Harrisburg, Pennsylvania
Linda Pratt, OTR, Student Supervisor

Haverford State Hospital
Haverford, Pennsylvania
Lynn Robinson, OTR, Student Supervisor

Hiram G. Andrews Center
Johnstown, Pennsylvania
Chester J. Ganczarz, OTR, Director of Occupational Therapy

Home Health Service of Luzerne County
Kingston, Pennsylvania
Marlene Basiago, OTR, Fieldwork Supervisor

Home of the Merciful Savior
Philadelphia, Pennsylvania
Lynette Byram, OTR, Fieldwork Supervisor
Ann Tobin, OTR, Fieldwork Supervisor

Magee Rehabilitation Hospital
Philadelphia, Pennsylvania
Judith Perinchief, OTR, Assistant Director of Occupational Therapy/Clinical Coordinator

Mayview State Hospital
Mayview, Pennsylvania
Janet C. Taylor, OTR, Assistant Director of Occupational Therapy/Fieldwork Supervisor

McKeesport Hospital
McKeesport, Pennsylvania
Janice L. Pagonis, OTR, Director of Occupational Therapy

Moss Rehabilitation Center
Philadelphia, Pennsylvania
Marion Gillard, OTR, Assistant Director of Occupational Therapy

Norristown State Hospital
Norristown, Pennsylvania
Wilma Wiener, OTR, Assistant Director of Occupational Therapy

NPW Medical Center
Wilkes-Barre, Pennsylvania
Grace Sheldon, OTR, Director of Occupational Therapy

Pennhurst Center
Spring City, Pennsylvania
Margaret Fatula, OTR, Director of Occupational Therapy

Philadelphia Psychiatric Center
Philadelphia, Pennsylvania
Deborah Dichter, OTR, Fieldwork Supervisor

Philhaven Hospital
Lebanon, Pennsylvania
Linda Wenger, OTR, Fieldwork Supervisor

Presbyterian University Hospital
Pittsburgh, Pennsylvania
Carol Brewer, OTR, Director of Occupational Therapy

Rehabilitation Institute
Pittsburgh, Pennsylvania
Sue Cooperman, OTR, Fieldwork Supervisor

St. Agnes Medical Center
Philadelphia, Pennsylvania
Ruth Crouthamel, OTR, Director of Occupational Therapy

St. Francis General Hospital
Pittsburgh, Pennsylvania
Harriet Bynum, OTR, Fieldwork Supervisor
Robert Gibson, OTR, Fieldwork Supervisor

St. Joseph Hospital and Health Care Center
Lancaster, Pennsylvania
Glenda Dougherty, OTR, Director of Occupational Therapy

Selinsgrove Center
Selinsgrove, Pennsylvania
Karole Gibson, OTR, Director of Occupational Therapy

Somerset State Hospital
Somerset, Pennsylvania
Hoshang Pavri, OTR, Director of Occupational Therapy

Thomas Jefferson University Hospital
Philadelphia, Pennsylvania
Nancy Strub, OTR, Director of Occupational Therapy

The Curricula

Occupational Therapy Clinical Associates

PENNSYLVANIA

Veterans Administration Medical Center
Wilkes-Barre, Pennsylvania
Karen Winstead, OTR, Director of Occupational Therapy

Warren State Hospital
Warren, Pennsylvania
Karen Pettit, OTR, Assistant Director of Occupational Therapy

Widener Memorial School
Philadelphia, Pennsylvania
Margaret Holloway, OTR, Director of Occupational Therapy

Wyoming Valley Crippled Children's Association
Wilkes-Barre, Pennsylvania
Carol G. Petrokonis, OTR, Director of Occupational Therapy

VIRGINIA

Children's Rehabilitation Center
Charlottesville, Virginia
Pat Stevens, OTR, Fieldwork Supervisor

WISCONSIN

Curative Rehabilitation Center
Wauwatosa, Wisconsin
Kristin Knudsvig, OTR, Fieldwork Supervisor

The Curricula

Majors, Specializations and Certifications

Pre-Dentistry
Pre-Medicine
Pre-Optometry
Pre-Veterinary Medicine
Specializations

Division of Natural Sciences and Mathematics
Degree: B.S./Biology
Program Director: Carl Konecke

With the proper selection of elective courses, students who major in biology are prepared for post graduate study in dentistry, medicine, optometry and veterinary medicine.

Pre-Dentistry
A student who has completed a Bachelor of Science in Biology with a grade point average of "B" or better, may be recommend to a dental school. Information may be obtained from the American Dental Association, 211 East Chiacgo Avenue, Chicago, Illinois 60611.

Pre-Medicine
A student who has completed a Bachelor of Science in Biology with a grade point average of "B" or better, may be recommended to a medical college. Preparation for application to medical school should begin in the freshman year and continue throughout the undergraduate years. Preparation involves a continuous review of material covered in all science course. Such review is imperative for a satisfactory performance on the Medical College Admission Test which is required by all medical schools. The MCAT should be taken in the fall of the junior year.

Students should be aware of the requirements specific to the medical school they wish to attend. This information may be obtained from the Council on Medical Education of the American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610.

Pre-Optometry
A student who has completed a Bachelor of Science in Biology with a grade point average of "B" or better, may be recommended to a school of optometry. Information may be obtained from the American Optometric Association, 243 North Lindbergh Boulevard, St. Louis, Missouri 63141.

Pre-Veterinary Medicine
A student who has completed a Bachelor of Science in Biology with a grade point average of "B" or better, may be recommended to a veterinary school. Information may be obtained from the American Veterinary Medical Association, 930 North Meacham Road, Schaumberg, Illinois 60196.

The Curricula

Majors, Specializations and Certifications

Pre-Dentistry
Pre-Medicine
Pre-Optometry
Pre-Veterinary Medicine
Specializations

Division of Natural Sciences and Mathematics
Degree: B.S./Biology
Program Director: Carl Konecke

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
BIO 101	Botany and Introductory Biological Principles	4	BIO 102	Zoology	4
MTH 151	Calculus I	4	MTH 152	Calculus II	4
CHM 133	Chemical Principles I	4	CHM 134	Chemical Principles II	4
HIS	Core Elective	3	HIS	Core Elective	3
ENG 103	Composition	3	CPS 120	Introduction to Computing	3
		18			18
		SOPHOMORE			
BIO 251	Comparative Anatomy and Histotechnique I	4	BIO 252	Comparative Anatomy and Histotechnique II	4
BIO 241	Genetics	4	BIO 346	General Physiology	4
CHM 243	Organic Chemistry I	4	CHM 244	Organic Chemistry II	4
MTH 115	Basic Statistics	3	PSY 123	Introduction to Psychology	3
ENG	Core Elective	3	ENG	Core Elective	3
		18			18
		JUNIOR			
BIO 322	Comparative Embry. of Vert.	3	BIO 243	Microbiology	4
CHM 353	Biochemistry	3	BIO 360	Immunology	1
PHY 221	General Physics I	4	PHY 222	General Physics II	4
POL 100	American National Govt.	3	CHM	Elective	3
ART 161	Art Appreciation	3	PHL 101	Contemporary Self-Images	3
		16			15
		SENIOR			
BIO 490	Coordinating Seminar	1	BIO 480	Biological Research	1
	Free Elective	3	MUS 230	Music Appreciation	3
PHL	Core Elective	3	SOC 110	Anthropology	3
BIO 425	Ecology	4	RLS	Core Elective	3
RLS	Core Elective	3		Free Elective	3
		14			13

The Curricula

Majors, Specializations and Certifications

Pre-Law
Specialization

Division of Humanities
Degree: B.A./History
Program Director: Rosemarie Savelli

The pre-law specialization at College Misericordia was developed in accordance with the Association of American Law Schools which recommends that prospective law students have a broad liberal arts background. The program represents sound preparation for the Law School Admission Test and the study of law.

The program has been carefully designed to develop ability in expression and comprehension of English, to afford basic information about human institutions and values, and to cultivate the ability to think creatively and critically with thoroughness and independence.

Satisfactory completion of the pre-law specialization provides students with a Bachelor of Arts degree in History.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
HIS 101	History of Western Civ. I	3	HIS 102	History of Western Civ. II	3
PHL 101	Contemporary Self-Images	3	POL 100	American National Govt.	3
ENG 103	Composition	3	ENG 105	The Research Paper	3
SOC 110	Anthropology	3	MUS 230	Music Appreciation	3
RLS	Core Elective	3	PSY 123	Introduction to Psychology	3
		15			15
		SOPHOMORE			
HIS 103	U.S. Survey to 1877	3	HIS 104	U.S. Survey since 1877	3
POL 251	Law Seminar I	3	POL 252	Law Seminar II	3
ENG 266	Western World Literature	3	ENG 267	Western World Literature	3
ENG 112	Speech Communication	3	MTH 100	Mathematical Perspectives	3
HIS 310	History of England	3	HIS 311	History of Britain	3
		15			15
		JUNIOR			
HIS 305	Recent America	3	HIS 390	Junior Research Seminar	3
POL 405	American Const. Law I	3	POL 406	American Const. Law II	3
RLS	Core Elective	3	HIS 308	History of Soviet Union	3
PHL 260	Practical Logic	3	ENG 203	Advanced Expository Writing	3
SCI	Core Elective	3	SCI	Core Elective	3
		15	PHL	Core Elective	3
					18
		SENIOR			
HIS	Advanced History Elective	3	HIS 306	Cold War	3
POL 450	Law Internship I	3	POL 451	Law Internship II	3
BUS 352	Business Law I	3	BUS 353	Business Law II	3
ENG	Advanced Lit. Elective	3	ENG	Advanced Lit. Elective	3
ART 161	Art Appreciation	3	SOC 221	Cultural Minorities	3
		15		Free Elective	3
					18

The Curricula

Majors, Specializations and Certifications

Radiologic Technology (A.A.S.)
Major

Division of Allied Health Professions
Degree: A.A.S./Radiologic Technology
Program Director: Gerard Staats

College Misericordia's Associate in Applied Sciences degree program in radiologic technology is approved by the American Medical Association and its accrediting agencies. The program provides training in the application of ionizing radiation to human subjects, and prepares students to take the American Registry of Radiologic Technologists examination in Radiology.

The Associate degree program is a two-year curriculum which eliminates much of the College's liberal arts core. Many graduates of hospital-based radiologic technology programs find the associate degree program useful as post-professional training.

Students are required to provide their own transportation to and from the clinical education centers. Students must demonstrate proficiency in mathematics or successfully complete the College's developmental mathematics program.

A 2.0 cumulative grade point average is required of all radiologic technology students. Those who fall below a 2.0 must raise their average during the next semester or be dismissed from the program. A student who receives a grade below "C" in any science course must repeat the course prior to graduation. Those who receive a grade below "C" in any radiologic technology course shall be dismissed from the program. Students dismissed for this reason may reapply for admission to the program as space in the clinical setting allows.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
BIO 127	Anatomy & Physiology	4	BIO 128	Anatomy & Physiology	3
ENG 103	Composition	3	PSY 123	Introduction to Psychology	3
RDT 106	Medical Terminology	1	PHY 101	Physics I	3
RDT 108	Rad. Positioning	4	RDT 110	Positioning II	3
RDT 112	Methods of Patient Care	2	RTD 122	Rad. Technique II	2
		16	RDT 141	Clinical Experience I	1
					17
		SUMMER SESSION			
RDT 145	Clinic IV	0			
		SOPHOMORE			
PHY 102	Rad. Physics	3	BIO 415	Rad. Biology	3
RDT 221	Spec. Rad. Procedures	2	SOC 110	Anthropology	3
RDT 222	Rad. Technique III	3	ART 161	Art Appreciation	3
RDT 230	Clinic III	3	RDT 200	Radiation Protection	1
RDT 235	Professional Ethics	2	RDT 216	Seminar	1
RLS	Core Elective	3	RDT 231	Clinic IV	3
		16	RDT 247	Radiologic Pathology	1
					15
		SUMMER SESSION			
RDT 232	Clinic V	0			

The Curricula

Majors, Specializations and Certifications

Radiologic Technology (B.S.)
Major

Division of Allied Health Professions
Degree: B.S./Radiologic Technology
Program Director: Gerard Staats

College Misericordia's Bachelor of Science degree program in radiologic technology is approved by the Pennsylvania Department of Education. The program provides training in the application of ionizing radiation to human subjects, as well as a background in administration and education. Students in the four-year program complete the College's core curriculum requirements which provide an extensive liberal arts foundation.

All radiologic technology majors must provide their own transportation to and from the clinical education centers. Students must demonstrate a proficiency in mathematics or successfully complete the College's developmental mathematics program.

A 2.0 cumulative grade point average is required of all students. Those who fall below a 2.0 must raise their average during the next semester or be dismissed from the program. A student who receives a grade below "C" in any science, business or education course must repeat the course prior to graduation. Those who receive a grade below "C" in any radiologic technology course shall be dismissed from the program, and may reapply for admission as space in the clinical setting allows.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
ENG 103	Composition	3	PSY 123	Introduction to Psychology	3
HIS	Core Elective	3	HIS	Core Elective	3
CHM 103	General Chemistry	3	CHM 104	General Chemistry	3
MTH 100	Mathematical Perspectives	3	CPS 120	Introduction to Computing	3
ART 161	Art Appreciation	3	RLS	Core Elective	3
		15			15
		SOPHOMORE			
RDT 106	Medical Terminology	1	RDT 110	Positioning II	3
RDT 108	Positioning I	4	RDT 111	Skull Positioning	1
RDT 112	Methods of Patient Care	2	RDT 112	Rad. Technique II	2
RDT 121	Radiologic Technique I	2	RDT 141	Clinical Experience I	1
BIO 127	Anatomy and Physiology	4	BIO 126	Anatomy and Physiology	3
MTH 115	Statistics I	3	PHY 101	Rad. Physics	3
		16	SOC 110	Anthropology	3
					16
		SUMMER			
RDT 145	Clinic IV	0			
		JUNIOR			
RDT 221	Special Rad. Procedures	2	BIO 410	Rad. Biology	3
RDT 222	Rad. Technique III	3	RDT 200	Radiation Protection	1
RDT 230	Clinic III	3	RDT 216	Seminar	1
RDT 235	Professional Ethics	2	RDT 231	Clinic IV	3
PHY 102	Rad. Physics	3	RDT 247	Radiologic Pathology	1
ENG	Core Elective	3	ENG	Core Elective	3
		16	POL 100	American National Govt.	3
					15
		SUMMER			
RDT 232	Clinic V	0			
		SENIOR			
RDT 448	Quality Control	3	RDT 444	Practicum	3
PHL 101	Contemporary Self-Images	3	PHL	Core Elective	3
EDU 242	Educational Foundations	3	EDU 342	Educational Psychology	3
BUS 115	Economics I	3	BUS 280	Fundamentals of Management	3
BUS 352	Business Law I	3	RLS	Core Elective	3
MUS 230	Music Appreciation	3		Free Elective	3
		18			18

The Curricula

Majors, Specializations and Certifications

School Nurse
Certification

Division of Education
Degree: Provides school nurse certification for graduates of BSN programs.
Program Director: Martha Kokinda

The school nurse certification program at College Misericordia is a 32-credit curriculum which meets the requirements for Pennsylvania School Nurse Certification.

Through a sequence of courses in education, psychology and sociology, graduate nurses are prepared to meet the health needs of school students of all ages. The program requires an 8-credit school nurse practicum, NSG 482.

SUGGESTED COURSE SEQUENCE

EDU 242	Educational Foundations	3
EDU 342	Educational Psychology	3
EDU 350	Teaching/Learning Strategies	3
PSY 275	Child and Adolescent Psychology	3
SOC 110	Anthropology	3
PSY 123	Introduction to Psychology	3
SOC 321	The Family	3
SOC 221	Cultural Minorities	3
		24

Clinical Experience Requirement:

NSG 482	School Nurse Practicum	8
		32

The Curricula

Majors, Specializations and Certifications

Social Work
Major

Division of Behavioral Sciences and Social Work
Degree: Bachelor of Social Work
Program Director: Dennis Fisher

The objective of College Misericordia's social work program is to provide students with the knowledge, skills and value orientation needed to practice social work at the baccalaureate level. To this end, the program offers an integrated body of knowledge, both theoretical and practical. Field instruction experience provides a means of utilizing that knowledge.

Field instruction is offered in a variety of settings, including both public and voluntary agencies. It is a structured educational experience in social work practice which enables students to integrate the information learned in the classroom. Students learn about the structure and operation of social work agencies and become oriented to actual practice situations.

Before students may enroll in field instruction they must have successfully completed a sequence of social work courses; have a grade point average of 2.5 in the major; and have a cumulative average of 2.0.

Students must repeat a major course in which a grade below "C" is received. Transportation to and from field placements is the student's responsibility.

College Misericordia's social work program is accredited by the Council on Social Work Education. Graduates may be eligible for advanced standing in nearly thirty graduate schools of social work throughout the country.

SUGGESTED COURSE SEQUENCE

		FRESHMAN			
SOC 110	Anthropology	3	SOC 122	Social Problems	3
PSY 123	Introduction to Psychology	3	PSY 275	Child & Adolescent Psych.	3
ENG 103	Composition	3	MTH 100	Mathematical Perspectives	3
HIS	Core Elective	3	HIS	Core Elective	3
SCI	Core Elective	3	SCI	Core Elective	3
		15			15
		SOPHOMORE			
SWK 261	Intro. to Social Welfare	3	SWK 252	Soc. Wel. Pol. & Serv.	3
SOC 321	The Family	3	SOC 221	Cultural Minorities	3
PHL 101	Contemporary Self-Images	3	MTH 115	Basic Statistics I	3
ENG	Core Literature Elective	3	ENG	Core Literature Elective	3
RLS	Core Elective	3	ART 161	Art Appreciation	3
		15	PHL	Core Elective	3
					18
		JUNIOR			
SWK 353	Soc. Work Methods and Processes I	3	SWK 354	Soc. Work Methods and Processes II	3
SWK 232	Research Methods	3	SWK 371	Field Instruction I	3
GER 241	Intro. to Social Gerontol.	3	SWK 474	Field Instruction Seminar	0
SWK 385	Communication Skills	3	SWK	Elective	3
RLS	Core Elective	3	MUS 230	Music Appreciation	3
ENG 203	Adv. Expository Writing	3	PSY 430	Abnormal Psychology	3
		18			15
		SENIOR			
SWK 475	Field Instruction II	3	SWK 476	Field Instruction III	3
SWK 474	Field Instruction Seminar	0	SWK 474	Field Instruction Seminar	0
HIS 272	Fascism, Socialism and Capitalism	3	SWK 452	Adaptive Behavior	3
	Free Electives	11	POL 100	American National Govt.	3
		17		Free Electives	6
					15

The Curricula

Majors, Specializations and Certifications

Special Education
Major

Division of Education
Degree: B.S./Special Education
Program Director: Molly Vitale

College Misericordia offers a major course of study in special education which leads to a Bachelor of Science degree and a Pennsylvania teaching certificate in special education.

Graduates are prepared to teach individuals who are mentally retarded, learning disabled, socially or emotionally disturbed, physically handicapped, or multiply handicapped.

In addition to the College's core requirements, the special education curriculum includes courses in general education, pre-teaching areas, professional studies and field experiences. The curriculum also provides students with a broad background in the theory, methods and practice of special education.

SUGGESTED COURSE SEQUENCE

FRESHMAN

EDU 242	Educational Foundations	3	PSY 275	Child & Adolescent Psych.	3
ENG 103	Composition	3	SED 231	Exceptional Children	3
PSY 123	Introduction to Psychology	3	MTH 100	Mathematical Perspectives	3
ENG 112	Speech Communication	3	POL 100	American National Govt.	3
PHL 101	Contemporary Self-Images	3	RLS	Core Elective	3
PHE	Physical Education Elective	1	PHE	Physical Education Elective	1
		16		Field Experience	0
					16

SOPHOMORE

SED 240	Characteristics MPH I	4	SED 241	Strategies MPH I	4
SED 485	S.T./Policy & Procedure	2	SED 485	S.T. Elective	*
EDU 366	Curriculum in Math.	3	EDU 342	Educational Psychology	3
PHE 305	Adapted Physical Education	2	SOC 110	Anthropology	3
BIO 103	General Biology I	3	BIO 104	General Biology II	3
ENG 247	American Literature I	3	ENG 248	American Literature II	3
	Field Experience	0		Field Experience	0
		17			16+

JUNIOR

EDU 368	Teaching of Reading	3	EDU 205	Correction of Communication	
SED 340	Characteristics MPH II	4		Disorders	3
EDU 485	S.T./Elective	*	SED 341	Strategies MPH II	4
HIS 103	U.S. History I	3	SED 260	Classroom Management	3
ART 161	Art Appreciation	3	HIS 104	U.S. History II	3
RLS	Core Elective	3	SED 343	Diagnosis of Learning	
	Field Experience	0		Problems	3
		16+	SED 485	S.T. Elective	*
				Field Experience	0
					16+

SENIOR

SED 472	Issues in Special Educ.	2	SED 495	Student Teaching	9
EDU 369	Children's Literature	3	SED 495	Seminar	0
SED 372	Vocational Habilitation	3		Free Elective	3
SED 485	S.T./Elective	*			12
PHL	Core Elective	3			
CPS 120	Introduction to Computing	3			
	Senior Seminar	0			
MUS 230	Music Appreciation	3			
	Field Experience	0			
		17+			

**Between 4 and 8 Special Topic (S.T.) Credits are required*

The Curricula

Minor Programs

Minors are focused programs of study which involve specific clusters of courses around a general area of study. Minors are not associated with any particular degree program and are therefore open to all interested students.

Accounting Minor

Division of Business Administration

The accounting minor provides students with the theories and systems necessary to set up, maintain and audit books and accounts. A minor in accounting may be pursued by students in any major degree program. The minor is especially pertinent to such majors as information systems, computer science and mathematics.

SUGGESTED COURSE SEQUENCE

BUS 120	Principles of Accounting I	3
BUS 121	Principles of Accounting II	3
BUS 220	Intermediate Accounting I	3
BUS 221	Intermediate Accounting II	3
BUS 323	Cost Accounting	3
BUS 422	Federal Tax Accounting	3
BUS 423	Auditing	3
		21

Biology Minor

Division of Natural Sciences and Mathematics

The minor in biology may be pursued by any student with an interest in the natural sciences. The 19-20 credit curriculum offers a broad background in the origin, growth, structure and reproduction of living matter in its many varied forms.

SUGGESTED COURSE SEQUENCE

BIO 101	Botany and Introductory Biological Principles		4
BIO 102	Zoology		4
BIO 251	Comparative Anatomy and Histotechnique I		4
BIO 241	Genetics		4
	One (1) course selected from the following courses:		3-4
BIO 322	Comparative Embryology of Vertebrates	(3)	
BIO 343	General Microbiology	(4)	
BIO 346	General Physiology	(4)	
			19-20

Chemistry Minor

Division of Natural Sciences and Mathematics

An understanding of chemistry can be advantageous to a liberally educated individual in a highly technological society. Students who major in biology, nursing, occupational therapy or radiologic technology may find the chemistry minor particularly appropriate.

SUGGESTED COURSE SEQUENCE

CHM 133	Chemical Principles		4
CHM 134	Chemical Principles		4
CHM 243	Organic Chemistry		4
CHM 244	Organic Chemistry		4
CHM 343	Physical Chemistry I	(4)	
	OR		3-4
CHM 353	Biochemistry	(3)	
			19-20

The Curricula

Minor Programs

Computer Science Minor

Division of Natural Sciences and Mathematics

In today's electronic world, a background in computer science is a highly marketable asset. The computer science minor may supplement a major in any other field, depending on the student's interests and career objectives. Business administration, education, mathematics and social work majors frequently follow the minor program in computer science.

SUGGESTED COURSE SEQUENCE

CPS 120	Introduction to Computing		3
CPS 121	Computer Programming		3
	Two (2) courses selected from:		6
CPS 221	Computer Systems	(3)	
CPS 222	Computer Organization	(3)	
CPS 231	File Processing	(3)	
	Nine (9) additional credits in approved upper division		9
	Computer Science courses (twelve [12] additional credits if exempted from CPS 120).		
			21

English Minor

Division of Humanities

The study of English provides students with a comprehensive knowledge of the language and its literature. Students in any major program can apply the skills learned through the English minor to both personal and professional goals. The minor emphasizes an understanding of literary forms and the clear articulation of ideas in writing.

SUGGESTED COURSE SEQUENCE

ENG 221	Major British Writers	(3)	6
ENG 222	Major British Writers	(3)	
	OR		
ENG 247	American Literature	(3)	
ENG 248	American Literature	(3)	
	OR		
ENG 266	Western World Literature	(3)	
ENG 267	Western World Literature	(3)	
ENG 105	Research Paper	(3)	3
	OR		
ENG 203	Advanced Expository Prose	(3)	
	Nine (9) credits of Advanced Literature Electives		9
			18

The Curricula

Minor Programs

Gerontology Minor

Division of Behavioral Sciences and Social Work

As the study of aging is today's society, gerontology has direct applications to a number of major fields of study. Gerontology is most often associated with the helping professions, including nursing, occupational therapy, music therapy and social work.

SUGGESTED COURSE SEQUENCE

GER 241	Introduction to Social Gerontology	3
GER 276	Psychology of Aging	3
GER 306	Health and Physiology of Aging	3
GER 375	Aging Policies and Programs	3
	Gerontology Elective	3
		15

History Minor

Division of Humanities

The study of history has been one of man's most favored pursuits since the beginning of recorded time. The history minor may be taken in conjunction with any degree program to broaden one's world perspective, foster critical judgment, cultivate the ability to reason and develop intellectual growth.

SUGGESTED COURSE SEQUENCE

HIS 101	History of Western Civilization I	(3)	6
HIS 102	History of Western Civilization II	(3)	
	OR		
HIS 103	U.S. Survey to 1877	(3)	
HIS 104	U.S. Survey Since 1877	(3)	
	Twelve (12) credits of Advanced History Electives		12
			18

Legal Assistant Minor

Division of Humanities

Designed to prepare students for work in the legal profession, the legal assistant minor provides a strong background in the legal system, the courts, civil procedure, and research.

SUGGESTED COURSE SEQUENCE

POL 251	Law Seminar I	3
POL 252	Law Seminar II	3
POL 405	American Constitutional Law I	3
POL 406	American Constitutional Law II	3
POL 450	Law Internship I	3
POL 451	Law Internship II	3
SWK 385	Communication Skills	3
		21

The Curricula

Minor Programs

Management Minor

Division of Business Administration

A minor in management may be a useful adjunct to many areas of study including business administration, computer science, information systems, education and any of the helping professions. The management minor offers experience in a wide range of managerial practices: accounting, marketing, financial management, personnel administration and labor relations.

SUGGESTED COURSE SEQUENCE

BUS 115	Principles of Economics I	3
BUS 120	Principles of Accounting I	3
BUS 170	Marketing I	3
BUS 280	Fundamentals of Management	3
BUS 371	Business Finance	3
BUS 390	Human Relations in Management	3
BUS 116	Principles of Economics II	3
		21

Mathematics Minor

Division of Natural Sciences and Mathematics

The computer revolution and the growing reliance on statistics and quantitative research have broadened the application of mathematical principles. The physical sciences, as well as the behavioral and social sciences fields, have need for individuals with experience in mathematics. The minor program in mathematics exposes students to both classical and contemporary mathematical techniques.

SUGGESTED COURSE SEQUENCE

MTH 151	Analytic Geometry and Calculus I		4
MTH 152	Analytic Geometry and Calculus II		4
MTH 215	Mathematical Statistics		3
	Three (3) courses selected from:		9-10
MTH 225	Analytic Geometry and Calculus III	(4)	
MTH 241	Linear Algebra	(3)	
MTH 244	Set Theory and Logic	(3)	
MTH 321	Applications of Mathematics	(3)	
MTH 351	Geometry	(3)	
			20-21

Philosophy Minor

Division of Religious Studies and Philosophy

The minor program in philosophy offers students the opportunity for intellectual liberation and refinement. The 18-credit curriculum explores philosophical problems from a variety of standpoints and in so doing, it fosters critical judgment, refines convictions, promotes the search for truth and encourages acceptance of many different modes of thought.

SUGGESTED COURSE SEQUENCE

PHL 101	Contemporary Self-Images	3
PHL 225	Ethics	3
PHL 257	Philosophy of Religion	3
PHL 260	Practical Logic	3
PHL 290	Philosophy of Person	3
	Elective Course OR	3
PHL 480	Independent Study	
		18

The Curricula

Minor Programs

Political Science Minor
Division of Humanities

The political science minor offers students interested in law, politics or government a useful foundation in these areas.

SUGGESTED COURSE SEQUENCE

POL 100	American National Government	3
POL 251	Law Seminar I	3
POL 252	Law Seminar II	3
POL 315	Communism: Revolutionary Theory and Practice	3
POL 405	American Constitutional Law I	3
POL 406	American Constitutional Law II	3
POL 480	Independent Study	3
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Psychology Minor
Division of Behavioral Sciences and Social Work

The psychology minor can be a meaningful adjunct to any major, but is especially pertinent to the study and practice of education, nursing, occupational therapy, business administration, music therapy and social work. Focusing on the origins, development, modification, and implications of human behavior, the study of psychology has numerous applications to personal and professional life.

SUGGESTED COURSE SEQUENCE

PSY 123	Introduction to Psychology	3
PSY 232	Research Methods	3
PSY 275	Child and Adolescent Psychology	3
PSY 430	Abnormal Psychology	3
	Elective Psychology Course	3
		15

Religious Studies Minor
Division of Religious Studies and Philosophy

The religious studies curriculum acquaints students with the richness of religious experience. The program explores the origins of Christianity, its doctrinal development and offers a foundation for making ethical decisions.

SUGGESTED COURSE SEQUENCE

RLS 100	Biblical Studies	3
RLS 101	Catholic Teaching	3
RLS 103	Moral Theology	3
RLS 104	World Religions	3
RLS 132	Church History (3) OR	3
RLS 280	Independent Study (3)	
		15

The Curricula

Minor Programs

Russian Area Studies Minor

Division of Humanities

The minor program in Russian Area Studies provides students with an historical perspective of the Soviet Union as a nation. The study of more than 1100 years of Russian history provides insight into past and current soviet foreign policy, communism, economics and culture.

SUGGESTED COURSE SEQUENCE

HIS 101	History of Western Civilization	3
HIS 102	History of Western Civilization	3
HIS 210	History of Comparative Economics	3
HIS 307	History of Russia	3
HIS 308	History of Soviet Russia	3
POL 315	Communism: Revolutionary Theory and Practice	3
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Writing Minor

Division of Humanities

The writing minor provides students with a variety of experiences in the written expression of ideas. The program is based on the correct and effective use of the language and offers both creative and practical applications of writing skill. The value of writing ability to any endeavor cannot be underestimated.

SUGGESTED COURSE SEQUENCE

ENG 103	Composition		3
ENG 105	The Research Paper		3
ENG 203	Advanced Composition		3
ENG 318	The Study of Language		3
	Six (6) credits of elective courses selected from the following:		6
ENG 106	Speech Communication	(3)	
ENG 339	Technical Writing	(3)	
ENG 341	Imaginative Writing	(3)	
ENG 343	Writing for Media	(3)	
ENG 470	Internship	(3-6)	
	Internship may be taken for 3-6 credits and involves practical experience writing for local newspapers, public relations offices, etc.		
BUS 110	Business Communication	(3)	
CPS 120	Introduction to Computing	(3)	
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The Curricula

Elective Areas of Study

Elective courses provide a variety of experiences in the liberal arts and may be taken by any interested student whose curriculum allows for such electives.

The elective areas of study are not related to any specific degree program, that is, one cannot pursue a major, minor, specialization or certification in any of the programs described in this section. However, coursework in these areas can contribute significantly to a student's education. Some of the courses in each of the following programs are called for in the course sequences of various majors. Others are part of the College's core curriculum.

Descriptions of the courses offered in the elective areas of study may be found under the section headed **Course Descriptions**.

Art

The philosophy of the art department is based on the belief that all individuals are innately creative, and that they have a need to express that creativity. Creative outlets take many forms, one of which is artistic endeavor.

Both beginning and advanced artists can choose from many different programs, some theoretical and others practical. Courses address such areas as drawing, painting, graphics, sculpture, illustration, ceramics, weaving, metalsmithing, enameling, printmaking, photography, art history, art appreciation, and contemporary art.

ART 161, Art Appreciation, is part of the core curriculum.

Geography

Geography examines the inter-relationships of people and their environment. We are directly and indirectly affected by our environment at any given moment, by weather, solar radiation, earthquakes, floods, or a walk through a rain forest or desert.

Human beings play a large part in this relationship through such actions as leveling or planting forests, building cities, draining swamps, establishing national boundaries, and polluting the air, water and land.

The study of the fit between man and his ecosphere can provide a greater understanding of ourselves, our fellow man, and the earth on which we live.

Physical Education

Since classical times, physical fitness has been known to play a part in the development of whole, healthy individuals.

The physical education department offers a wide range of physical activities, from archery and badminton to skiing and volleyball. The courses are intended to develop and maintain students' lifetime sports skills, and impress students with the importance of sport and exercise in daily life.

Four credit hours of elective physical education courses may be applied toward graduation.

The Curricula

Elective Areas of Study

Physics

Physics is perhaps the most basic of the sciences. It impacts directly on the study of biology or chemistry, and can be a useful adjunct to the study of mathematics.

The physics department offers courses for science majors and for students in some of the preprofessional programs, such as medical technology and radiologic technology. Physics courses may also enrich the education of humanities majors.

The core curriculum science requirement may be filled by any physics course (with the exception of PHY 101/102) for which the prerequisites have been met.

Sociology

Sociology is the study of the origin, development, organization and functioning of human society. No one exists outside of a social system, so it is easy to understand how sociology can relate to any academic program.

The courses offered by the sociology department explore such subjects as anthropology, social problems, cultural minorities, the family and research methods. A background in sociology can broaden one's perspective of the world, can promote objectivity, and develop an accepting attitude with regard to different peoples and their ways of life.

Course Descriptions

Art (ART)

101 Principles of Design — 3 credits
Principles and elements of design applied to problems requiring primarily two-dimensional solutions. Varied use of media.

102 Three Dimensional Design — 3 credits
Design principles applied to positive and negative space in three dimensions using a variety of materials.

103 Drawing and Composition — 3 credits
Drawing skills developed through the use of various media. Right brain perception and composition in sketching is stressed.

124 Fundamentals of Painting — 3 credits
Techniques of painting in oil and/or mixed media with stress on color theory and composition.

131 Graphics I — 3 credits
Principles of graphic design with emphasis on the development of technical abilities and critical evaluation of graphic work.

161 Art Appreciation — 3 credits
A survey of art from primitive to modern times.

203 Drawing II — 3 credits
A continuation of the drawing process begun in ART 103. Right brain exercises, creativity stimulation and use of advanced drawing processes are stressed.
Prerequisite: ART 103.

204 Figure Drawing — 3 credits
Drawing and painting the human figure using various media. Live models in action and repose emphasize proportion and anatomy.
Prerequisite: ART 103 or permission of instructor.

215 Illustration — 3 credits
Unique solutions to problems in illustration, including medical, book, fashion, architectural, children's and others.
Prerequisite: ART 103, ART 203, or permission of instructor

220 Weaving I — 3 credits
Introduction to off-loom techniques: tablet weaving, twining, frome loom, inkle weaving and inkle pick-up.

223 Graphics II — 3 credits
A continuation of portfolio preparation and problem solving in the graphics field.
Prerequisite: ART 131.

224 Graphics III — 3 credits
Beginning preparation for a professional career in graphics.
Prerequisites: ART 131, ART 223.

225/226 Ceramics I — 3 credits each
Processes in handbuilt and wheelthrown pottery developed. Various glazing and decorating techniques studied.

Course Descriptions

Art (ART)

231/232 Metalsmithing I — 3 credits each
Design and techniques in the execution of holloware and jewelry.

237/238 Enameling I — 3 credits each
Technical processes, execution, experimentation and expression through enameling media.

241/242 Watercolor I — 3 credits each
Techniques of watercolor studied.
Prerequisites: ART 103, ART 124.

243/244 Painting II — 3 credits each
Exploration of painting processes in use of media and in translation of feelings and ideas into images and color. Introduction to pastel painting as well as use of oils and acrylics.
Prerequisite: ART 124.

252/253 Printmaking — 3 credits each
Fundamentals of woodcut, intaglio, lithography, serigraphy, embossing and collagraphy, with emphasis on the creative and experimental possibilities.

255/256 History of Art I and II — 3 credits each
History of Western art from the Neolithic to the Gothic period and from the Renaissance to the Modern period.

257/258 Sculpture I — 3 credits each
Three dimensional approach to concept, image and form. Exploration of spatial relationship, color, surface and light. Craftsmanship emphasized.
Prerequisite: ART 103 or ART 102.

302/303 Drawing III — 3 credits each
Development of a sensitivity and skill in drawing and creating personal original statements. Problem solving with multi-media.
Prerequisite: ART 103, ART 203.

304 Figure Drawing II — 3 credits
An intense study of drawing and painting the human figure.
Prerequisite: ART 204.

320 Weaving II — 3 credits
Continuation of off-loom construction including tapestry, lace weaves, double weaves and basketry.
Prerequisite: ART 220.

325/326 Ceramics II — 3 credits each
Wheelthrowing and handbuilding clay pieces, including raku and other firing techniques.
Prerequisite: ART 225/226.

Course Descriptions

Art (ART)

331/332 Metalsmithing II — 3 credits each
Advanced studio experience in jewelry and holloware. The art of adornment and its relationship to the human form are studied.
Prerequisite: ART 231/232.

335 Photography — 3 credits
Fundamentals of photographic techniques.
Prerequisite: ART 101 or permission of instructor.

337/338 Enameling II — 3 credits each
Further study of transparent and opaque enamels and cloisonne technique.
Prerequisite: ART 237/238.

341/342 Watercolor II — 3 credits each
Continued development of watercolor processes with a more complex approach to subject matter and composition.
Prerequisite: ART 241/242.

343/344 Painting III — 3 credits each
Exploration of new painting media combined with traditional techniques. Development of personal statements encouraged.
Prerequisites: ART 124, ART 243/244.

352/353 Printmaking II — 3 credits each
Further exploration into the unlimited possibilities of printmaking.
Prerequisite: ART 252/253.

357/358 Sculpture II — 3 credits each
Concentration on contemporay sculpting materials and advanced techniques.
Prerequisites: ART 257/258.

365 Elementary Art Methods — 3 credits
A course based on the aesthetics and philosophy of humanistic education as meeting the self-expressive needs of children. Weekly sessions are divided into lectures and direct hands-on experience. The class promotes understanding of the art processes children need, and develops empathy for their art through experience with similar methods.

402/403 Drawing IV — 3 credits each
More experimentation and expansion in personal drawing statements.
Prerequisites: ART 103, ART 203, ART 302/303.

413 Art Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

425/426 Ceramics III — 3 credits each
Handbuilding technique employed in creating sculptural forms using low-fire glazes.
Prerequisites: ART 225/226, ART 325/326.

Course Descriptions

Art (ART)

431/432 Metalsmithing III — 3 credits each
A professional approach to personal involvement with metal as a creative medium.
Prerequisites: ART 231/232, ART 331/332.

435 Photography II — 3 credits
Applications of methods of sensitivity to subject matter; advanced darkroom techniques.
Prerequisite: ART 335.

437/438 Enameling III — 3 credits each
Execution of various enameling techniques and development of individual style.
Prerequisites: ART 237/238, ART 337/338.

443/444 Painting IV — 3 credits each
Selected problems in creative painting processes with emphasis on individual style and intensive media experiences.
Prerequisites: ART 124, ART 243/244, ART 343/344.

450 Contemporary Art — 3 credits
Painting, sculpture, architecture and aesthetics of the present day studied.
Prerequisites: ART 225/226, ART 255/256.

452/453 Printmaking III — 3 credits each
In depth involvement with multi-process personal graphic statements.
Prerequisites: ART 252/253, ART 352/353.

457/458 Sculpture III — 3 credits each
A continued emphasis on understanding of form in space using varied traditional and contemporary sculpture media.
Prerequisites: ART 257/258, ART 357/358.

462 Selected Studies in the History of Art — 3 credits
In depth study of one or more artists or of a selected period or movement in the history of art. Selections may be announced by instructor or requested by students.
Prerequisites: ART 161, ART 255/256, or permission of instructor.

470 Introduction to Art Therapy — 3 credits
A basic investigation of art therapy principles, the techniques used by therapists, and the resources available to the field.

490 Independent Study in Art — 3 credits
Independent study under a contract agreement in an area chosen by student with the direction of an art department faculty member. The course may be taken only during the senior year and with the permission of the instructor.

Course Descriptions

Biology (BIO)

101 General Botany and Biological Principles — 4 credits
Introductory principles of biology and a study of the plant kingdom from thallophytes to spermatophytes. Field studies of local plant communities. Introduction to plant anatomy, taxonomy and ecology.
Lecture: 3 hours. Laboratory: 2 hours.

102 General Zoology — 4 credits
Zoological principles and their implications in the animal kingdom. Ecological and evolutionary tendencies of major vertebrate and invertebrate groups with consideration of anatomy and physiology of representatives.
Lecture: 3 hours. Laboratory: 2 hours.

103/104 General Biology — 3 credits each
The study of the fundamental principles and modern theories of biology. Emphasis on the value of biology in relation to humans.
Lecture: 2 hours. Laboratory: 2 hours.

127/128 Anatomy and Physiology — 4 credits each
A general introduction to the fields of human anatomy and physiology. Particular emphasis on the study of the skeletal system.
Lecture: 3 hours. Laboratory: 2 hours.

131 Field Biology — 3 credits
Familiarization with local plants and animals based on actual field observation and collection. Includes sampling of forest, field and pond habitats.
Lecture and field work: 3 hours.

150 Introduction to Medical Technology — 1 credit
A familiarization with theory and laboratory practices in the field of medical technology. Laboratory and classroom experiences.

203 General Survey of Biology — 3 credits
A general study of basic biological phenomena and principles to help students understand current advances in biology related to their personal lives.
Lecture: 2 hours. Laboratory: 2 hours.

205 Anatomy and Physiology — 3 credits
A study of the anatomy and physiology of the human body.
Lecture: 3 hours.

211/212 Anatomy and Physiology — 4 credits each
A detailed study of the structure and function of the human body. Emphasis on physiological phenomena and concepts.
Lecture: 3 hours. Laboratory: 2 hours.

219/220 Anatomy and Physiology — 3 credits each
An integrated study of human anatomy and physiology which addresses the specific needs of occupational therapy students. Stresses the anatomical details of the musculature, innervation and vascular supply of the various body regions.
Lecture: 2 hours. Laboratory: 2 hours.

Course Descriptions

Biology (BIO)

221 Comparative Anatomy and Vertebrates — 4 credits
A comparative study of the organs and organ systems of the vertebrate classes with stress on human anatomy.
Lecture: 3 hours. Laboratory: 2 hours.

227 Bacteriology — 4 credits
General morphology and physiology of bacteria, yeasts, molds and viruses. Study of infection and immunity. Special studies of foods, water and sewage with reference to health and sanitation.
Lecture: 3 hours. Laboratory: 2 hours.

241 Genetics — 4 credits
A detailed study of the principles of heredity. Both molecular and classical genetics are covered in depth.
Lecture: 3 hours. Laboratory: 2 hours.

243 General Microbiology — 4 credits
Fundamental principles and techniques of microbiology, including general morphology, ecology and physiology of micro-organisms, methods of study, identification, destruction and control.
Lecture: 3 hours. Laboratory: 2 hours.

262 Radiation Biology — 3 credits
A study of the effects of ionizing radiation on living matter: changes in the biochemistry, micro- and macro-morphology, genetics and embryology which are produced by ionizing radiation.
Lecture: 2 hours. Laboratory: 2 hours.

322 Comparative Embryology of Vertebrates — 3 credits
A comprehensive study of the development of the vertebrates.
Lecture: 2 hours. Laboratory: 2 hours.
Prerequisites: BIO 102, BIO 221, BIO 241.

346 General Physiology — 4 credits
A detailed study of the functions of the muscular, nervous, endocrine, cardiovascular, respiratory and excretory systems. Laboratory experiments deal with the physiology of humans and lower vertebrates.
Lecture: 3 hours. Laboratory: 3 hours.

360 Immunology — 1 credit
Fundamentals of immunology, including definitions and relationships of antigens and antibodies.

413 Biology Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

415 Human Genetics — 3 credits
An in depth study of the genetics of human populations. Topics discussed include mutations, environmental effects on mutation rates, polygenic inheritance and genetic counseling.
Lecture: 3 hours.
Prerequisite: BIO 241 or equivalent.

Course Descriptions

Biology (BIO)

420 Histotechnique — **4 credits**
A microscopic study of the fundamental tissues and organs of animals. Methods used in the preparation of tissues for microscopic study.
Lecture: 2 hours. Laboratory: 4 hours.
Prerequisite: BIO 221 or equivalent.

425 Ecology — **3 credits**
A study of the relationships between plants, animals and other components of the total environment.
Lecture: 3 hours. Laboratory: 2 hours.

435 Cell Biology — **3 credits**
A detailed study of the morphology and physiology of cells. Special emphasis is placed on the inter-relationships between molecular structure and cell function.
Prerequisites: BIO 241, CHM 353 (may be taken concurrently).

475 Instrumentation and Technique — **3 credits**
Provides students with an understanding of selected instruments and techniques currently used in biological research and medical technology.
Lecture: 1 hour. Laboratory: 4 hours.
Prerequisites: 16 credits in biology.

480 Biological Research — **1-2 credits**
Course provides opportunity for student laboratory or theoretical research under staff supervision. Permission of departmental chairman is required.
Fee required.

482/483 Medical Technology Practicum — **16 credits each**
Clinical experience and classroom instruction in the hospital laboratory.

485 Special Topics — **1-4 credits**
Topic may vary from semester to semester and will be announced with preregistration information and course hours.

487 Independent Study — **1-3 credits**
Special investigation of a selected topic.

490 Coordinating Seminar — **1 credit**
An introduction to the literature of biology. Topics discussed vary according to the needs and interests of the students.
Prerequisites: 24 credits in biology.

Course Descriptions

Business Administration (BUS)

110 Business Communications — 3 credits
Personal and business communication skills including reading, listening and coping with personal and organizational change. Techniques of written and oral communication taught through laboratory experience.

115 Principles of Economics I — 3 credits
A study of macro-economics. An introduction to the science of economics, with particular attention to supply and demand, unemployment, inflation, government, and the application of fiscal policy and monetary policy to resolve current economic problems.

116 Principles of Economics II — 3 credits
A study of micro-economics. An introduction to competition, monopoly and other market structures which comprise the free enterprise economy.
No prerequisite.

120/121 Principles of Accounting I and II — 3 credits each
An introduction to the accounting cycle. Two practice sets familiarize the student with business papers and books of accounts used in actual practice, and teach basic principles underlying job cost accounting, sole proprietorship, partnership and corporation form of operation.

170 Marketing I — 3 credits
A general overview of the basic marketing philosophies, principles and practices relevant to small and large profit and nonprofit organizations, buyers and sellers. Special emphasis on the marketing mix: product, price, promotion and distribution.

210 Comparative Economics — 3 credits
Varying themes in the historical development of economic systems, including the development of the Soviet economies.
Prerequisite: BUS 115.

215 Salesmanship and Sales Management — 3 credits
Sales forecasting and planning, developing and managing the salesforce, incentives and policies. Interpersonal selling techniques discussed. Cases and problems used.

220 Intermediate Accounting I — 3 credits
Further study of accounting principles. Emphasis on financial statement presentation, working capital items and statement of application of funds.
Prerequisite: BUS 120/121.

221 Intermediate Accounting II — 3 credits
A continuation of BUS 220. Emphasis on non-current assets and liabilities, stockholders' equity and analytical procedures. Theoretical discussions of the standards of good accounting.
Prerequisite: BUS 220.

Course Descriptions

Business Administration (BUS)

225 Introduction to Clothing and Design — 3 credits
A study of the fundamental principles underlying clothing construction and fitting. Problems involving fabric selection, design and color as they relate to current modes of fashion.

701 Introduction to Clothing and Design Lab — 0 credit
Application and analysis of principles learned in BUS 225.

240 Money and Banking — 3 credits
A study of the principles of money, interest rates, inflationary and deflationary pressures and the development of the banking system with emphasis on the Federal Reserve System. Monetary and fiscal policy.
Prerequisite: BUS 115.

260 Textiles — 3 credits
A study of the inter-relationships of fibers, yarns, fabric constructions and finishes; discussion of textile behavior and performance.

703 Textiles Lab — 0 credit
Testing of the basic concepts learned in BUS 260.

270 Marketing II — 3 credits
A continuation of BUS 170. Emphasis on the application of marketing theory to real world situations. Marketing analysis and decision making.
Prerequisite: BUS 170.

280 Fundamentals of Management — 3 credits
The basic principles of management, with emphasis on planning, organizing, staffing, directing and control. The nature of the managerial process within the formal and informal structure.

302 History of Costume — 3 credits
A study of historic costumes showing their relationship to social, economic and cultural patterns. The application of costume history to modern dress and sales forecasting.

312 Principles of Retailing — 3 credits
Course provides the practical knowledge necessary to help solve current and future retailing problems. Emphasis on store planning, organizing, implementing and management control.

323 Cost Accounting — 3 credits
An in depth study of job cost, process cost and standard cost accounting systems. Emphasis on accounting for material, labor, and the allocation of factory overhead. Design and implementation of the flexible budget. Make or buy decisions, capital budgeting and inventory planning.
Prerequisite: BUS 121.

324 Advanced Accounting — 3 credits
An analysis of partnerships, installment sales, consignments. Introduction to accounting for businesses and consolidations.
Prerequisite: BUS 221.

Course Descriptions

Business Administration (BUS)

340 Advertising — 3 credits
A comprehensive study of the theory and practical application of advertising as a form of communication in our society. Strategic planning, tactical decision making, research, media selection and advertising construction.
Prerequisite: BUS 170.

352 Business Law I — 3 credits
A study of the general aspects of law related to business relations. Topics include the nature of law and its sources, the judicial system, methods of settling disputes, government regulation of business. Actual cases studied.

353 Business Law II — 3 credits
A study of the various laws that determine both the rights and obligations regarding business transactions and business organizations. The impact of the uniform commercial code on sales and commercial paper, employer-employee relationships, creditors and debtors, the law of agency, the law of property. Actual case studies offer meaningful applications.

371 Business Finance — 3 credits
A study of the financial problems associated with the life cycle of a business. Estimating the financial needs of an enterprise. Breakeven point, operating leverage, capital structure, stocks and bonds, and working capital management.
Prerequisite: BUS 120.

382 Personnel and Industrial Relations — 3 credits
A study of the role of work in our society and its effect on organizations. The nature of personnel management, the legal influences on personnel decisions, recruitment, selection, training, compensation, service and benefit programs, the major problems and recent developments in labor relations.
Prerequisite: BUS 280.

385 Production/Operations Management — 3 credits
A systematic study of current production theories and practices. Facilities provision and maintenance, capacity planning, facility location, layout planning, product design, inventory control and aggregate planning and scheduling. Emphasis on terminology, general concepts and specifics of different solution techniques and methodologies.
Prerequisites: BUS 280, MTH 115.

395 Marketing Management — 3 credits
A comprehensive study of the management function in marketing. Focus is on analysis, planning and control of the marketing mix. Decision making skills developed.
Prerequisite: BUS 170.

Course Descriptions

Business Administration (BUS)

410 Legal Environment of Business — **3 credits**
A study of the general aspects of law essential to the legal environment of business relations. A look at the nature of law and its sources and the various laws that determine both the rights and obligations regarding business transactions and organizations.

413 Business Cooperative Education — **3 credits**
Academic study combined with work experience in the community.

420 Small Business Management — **3 credits**
Course focuses on management practices unique to small business. It prepares the student for small business ownership, identifies characteristics of small businesses, and describes the rewards and problems involved in managing retail stores, service firms and manufacturing firms.
Prerequisite: BUS 280.

422 Federal Tax Accounting — **3 credits**
Knowledge of taxes and impact on decision making stressed. Examines areas of federal income taxation most frequently encountered by individuals, partnerships and corporations.
Prerequisite: BUS 121.

423 Auditing — **3 credits**
The performance of the public accountant in the conduct of the examination of business firms' books and records, objectives, the scope of work, methods and end products, internal controls.
Prerequisite: BUS 220.

424 Fund Accounting — **3 credits**
An in depth study of accounting principles adopted by nonprofit organizations. Financial reports for cities, school districts, hospitals and government agencies.
Prerequisite: BUS 121.

425 Fashion Marketing/Buying — **3 credits**
An overview of the fashion industry as an intricate network of small firms and giant conglomerates. A study of the central activities in retail buying with emphasis on planning, control and central buying arrangements.

430 Information Systems in Management — **3 credits**
A study of the application of the systems approach to the design and understanding of dynamic organizations. Focus is on the ability to process data and use information effectively.
Prerequisite: CPS 120.

450/465 Special Topics — **1-3 credits**
Topic may vary from semester to semester and will be announced with preregistration information and course hours.

471 Retail Store Affiliation — **1-6 credits**
Practical retail experience in the student's area of interest.

Course Descriptions

Business Administration (BUS)

472 Business Administration Internship 1-6 credits
On-the-job training in the business community. Students must be a senior and have a 2.5 average in business administration to participate.

480 Independent Study 1-3 credits
Special investigation of a selected topic.

491 Seminar in Business Policies 3 credits
The case method technique is used to study managerial problems and the decision making process. Graduating seniors and qualified juniors only.

Course Descriptions

Chemistry (CHM)

103/104 General Chemistry — 3 credits each
Fundamental laws and theories of chemistry. Satisfies the six credit science requirement for liberal arts.
Lecture: 2 hours. Laboratory: 2 hours.

133/134 Chemical Principles — 4 credits each
Comprehensive study of the fundamental laws and theories of chemistry. Properties and uses of the more common elements and their compounds, principles and techniques of systematic qualitative analysis and an introduction to quantitative laboratory procedures.
Lecture: 3 hours. Laboratory: 3 hours.
Prerequisite: High school chemistry or permission of the program director.

203 Introduction to Organic Chemistry — 4 credits
Survey of carbon compounds, their reactions and uses. For non-chemistry majors and minors.
Lecture: 3 hours. Laboratory: 2 hours.
Prerequisite: CHM 104.

204 Introduction to Biochemistry — 3 credits
Survey of carbohydrates, fats and proteins. Designed for nursing students or to satisfy core curriculum requirements.
Lecture: 3 hours.
Prerequisite: CHM 203.

243/244 Organic Chemistry — 4 credits each
Principal functional groups of aliphatic and aromatic carbon compounds, theory and mechanisms of reactions; preparation of a variety of organic compounds.
Lecture: 3 hours. Laboratory: 3 hours.
Prerequisite: CHM 134.

264 Inorganic Quantitative Analysis — 5 credits
Theory and laboratory procedures in typical volumetric, colorimetric and gravimetric analysis.
Laboratory: 6 hours.
Offered in alternate years.

343 Physical Chemistry I — 4 credits
Scientific treatment of states and structure of matter; thermodynamics; thermochemistry.
Lecture: 2 hours. Laboratory: 4 hours.
Prerequisites: CHM 134, CHM 244, CHM 264, PHY 221, PHY 222, MTH 114, or MTH 152.
Offered spring 1984 and alternate years.

353 Biochemistry — 3 credits
Physical principles, carbohydrate metabolism, enzymology and energetics.
Lecture and demonstration hours.
Prerequisite: CHM 244.

Course Descriptions

Chemistry (CHM)

411 Instrumental Methods of Analysis — 4 credits
Theory and operational techniques in spectroscopy, potentiometry, electrochemistry, chromatography and other special methods.
Lecture: 2 hours. Laboratory: 6 hours.
Prerequisites: CHM 244, CHM 264, PHY 221, PHY 222.

413 Chemistry Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

456 Qualitative Organic Analysis — 3 credits
Methods of preparation, identification and purification of organic compounds.
Conference and laboratory hours.
Prerequisites: CHM 243, CHM 244.

Course Descriptions

Child Welfare Services (CWS)

363 Child Welfare Services **3 credits**
Introduction to the policies and services that comprise the child welfare system in the community. Examination of supportive and substitute services, worker roles and activities, and service effectiveness.

392 Child Abuse and Neglect **3 credits**
A practice-oriented course for students who intend to work in a protective service role. Abuse and neglect, causes, legal sanctions for intervention, treatment approaches, case planning and services.

393 Child Welfare Law **3 credits**
Examination of the laws on which child welfare workers rely to promote the rights of families and children. State and local laws that provide for services to families and children, legal resources for offenders, child welfare service provision in specific areas, e.g. adoption.
Prerequisite: CWS 363 or permission of instructor.

395 Foster, Residential and Adoptive Care **3 credits**
Assessment, case planning and the provision of services in foster care, residential facilities and for child adoption.
Prerequisite: Permission of instructor.

Course Descriptions

Computer Science (CPS)

120 Introduction to Computing 3 credits
Problem solving with the computer, BASIC programming, text editing, computer organization, contemporary applications.

121 Computer Programming 3 credits
Control structures, top-down programming and stepwise refinement. Debugging, testing and documentation.
Introduction to Pascal.
Lecture: 2 hours. Laboratory: 2 hours.
Prerequisite: CPS 120 or permission of instructor.

Special Topics

181 ST COBOL Programming I 1 credit

183 ST FORTRAN Programming I 1 credit

185 ST Pascal Programming I 1 credit

191 ST Computer Graphics 1 credit

193 ST Statistical Computing 1 credit

195 ST Office Automation 1 credit

197 ST Text Editing and Formatting 1 credit
Prerequisite for all Special Topics courses: CPS 120 or consent of instructor.

221 Introduction to Computer Systems 3 credits
Basic concepts of computer systems and computer architecture. Machine and assembly language programming.
Lecture: 2 hours. Laboratory: 2 hours.
Prerequisite: CPS 121.

222 Introduction to Computer Organization 3 credits
Organization and structure of the major computer components; mechanics of information transfer and control within the digital computer system; fundamentals of logic design and computer arithmetic.
Prerequisite: CPS 121.

231 Introduction to File Processing 3 credits
File terminology, structure and manipulation techniques. Sequential and random access bulk storage devices. Applications of data structures and file processing techniques. Introduction to COBOL.
Lecture: 2 hours. Laboratory: 2 hours.
Prerequisite: CPS 121.

232 Data Structures and Algorithm Analysis 3 credits
Design and analysis of non-numeric algorithms, particularly for sorting/merging/searching. Algorithm testing and complexity. Design criteria for data manipulation in a database management system.
Prerequisite: CPS 231.

Course Descriptions

Computer Science (CPS)

321 Operating Systems and Computer Architecture 3 credits
Organization and architecture of computer systems at the register-transfer and programming levels; operating systems principles; inter-relationship of the operating system and the architecture of computer systems.
Lecture: 2 hours. Laboratory: 2 hours.
Prerequisites: CPS 221, CPS 222 (CPS 231 also recommended).

331 Organization of Programming Languages 3 credits
Features, limitations, organization and run-time behavior of programming languages. Formal study of programming language syntax, grammar and data and control structures. Examples of language implementations. Continued development of problem solution and programming skills.
Prerequisite: CPS 121 (CPS 221 and CPS 231 strongly recommended).

412 Computers and Society 3 credits
Concepts of social value and valuations; the effects of computers on society; professional ethics in decisions concerning social impact; tools and techniques used to solve problems related to social consequences of computers.
Prerequisites: CPS 121 and one of the following: CPS 221, CPS 222, CPS 231.

413 Computer Science Cooperative Education 3-12 credits
Academic study combined with work experience in the community.

421 Introduction to Numerical Analysis 3 credits
Numerical techniques for solving equations, systems of linear equations, and differential equations. Numerical interpolation and approximation. Integration and differentiation.
Prerequisites: CPS 121, MTH 241.

431 Software Design and Development 3 credits
Design techniques, organization and management of large scale software development. Students work in programming teams on a major development project.
Prerequisite: CPS 232 (CPS 331 strongly recommended).

432 Database Management Systems Design 3 credits
Introduction to database concepts, data models, data description languages, query facilities, file and index organization. Data integrity, reliability and security. Students work with real database management systems.
Prerequisite: CPS 232.

480 Independent Study 1-3 credits
Special investigation of a selected topic.

Course Descriptions

Education (EDU)

205 Correction of Communication Disorders — 3 credits
A study of the causes, diagnosis and treatment of organic and functional disorders of speech and communication.
Lectures and workshops.

242 Educational Foundations — 3 credits
A study of American educational systems including historical, philosophical and sociological considerations. Introduction to educational research sources.

342 Educational Psychology — 3 credits
Applying the principles of psychology to the art of teaching. Emphasis on the nature and development of the learner and the learning process; measurement and evaluation; motivation; guidance and adjustment.

350/351 Teaching/Learning Strategies — 3 credits each
Exploration of a variety of strategies and alternatives designed to facilitate the teaching/learning process. 350 includes instructional design, communication skills, classroom management and creative problem solving. 351 stresses science, language arts, social studies, health and audio visuals.

362 Curriculum in Early Childhood Education — 3 credits
Examination of the various models in early childhood education with emphasis on educating the 2½ to 6 year old child.

363 Methods in Early Childhood Education — 3 credits
Teaching techniques and material that foster learning and creativity in young children. Emphasis on needs of the disadvantaged and culturally different learner during the early years.

365 Parenting in Early Childhood Education — 3 credits
Focuses on the need for supportive relationships between parents and teachers of young children. Cultural patterns of parenting and their impact on learning and the school.

366 Curriculum in Mathematics — 3 credits
Basic methods of teaching mathematics in kindergarten through sixth grade. Discovery and understanding; new programs in mathematics in the elementary school. Field trips to observe innovative programs of teaching elementary math.

368 Teaching of Reading — 3 credits
Nature of reading process and fundamentals of reading instruction for elementary school reading teachers. Current trends and practices.

369 Children's Literature and Story Telling — 3 credits
The contributions made by children's books to the goals of elementary education. Exploration of a wide range of children's reading material with emphasis on learning how to help children sharpen their ability to evaluate and appreciate literature.

371 Diagnostic Reading — 3 credits
Identification of reading disabilities and possible corrective and remedial measures. Clinical practicum.
Prerequisite: EDU 368.

Course Descriptions

Education (EDU)

413 Cooperative Education — **3-12 credits**
Academic study combined with work experience in the community.

480 Independent Study — **1-3 credits**
Special investigation of a selected topic.

485 Special Topics — **1-3 credits**
Education students are required to take four special topic offerings. This can be achieved through a combination of independent study, special topic courses requested by groups of students, or through other courses related to education.

495 Student Teaching and Seminar — **3 credits**
Directed observation and teaching in local schools under the guidance of a certified teacher and a college advisor. All education majors are required to attend weekly College seminars while student teaching. The seminars are an integral part of the fifteen-week internship in local schools.

Course Descriptions

English (ENG)

103 Composition — 3 credits
Instruction and practice in writing skills for college and professional life.

105 The Research Paper — 3 credits
Instruction and practice in writing research papers from the choice of a topic to completing the final draft.
Variable lecture/discussion and laboratory hours.
Prerequisite: ENG 103.

110 Business Communications — 3 credits
Personal and business communication skills including reading, listening and coping with personal and organizational change. Techniques of written and oral communication taught through laboratory experience.

112 Speech Communication — 3 credits
A content and performance oriented course designed to teach the importance of speech communication in today's society. Basic principles of speech communication; application of principles through the creation of communications messages; giving and receiving constructive criticism; avoiding communication breakdowns.

120 Theatre Production — 1 credit
The preparation and presentation of productions including rehearsal, performance, stage management, scenery production, constructing properties, lighting, sound, costumes, programs, box office, publicity, etc. May be repeated for credit.

201/202 History of the Theatre and Drama — 3 credits each
A complete survey of the physical and dramatic development of the theatre from pre-Greek to modern times. Readings in dramatics, literature and criticism of the various periods. 201 covers pre-Greek to Elizabethan period. 202 covers French Neo-Classicism to 20th century.

203 Advanced Expository Writing — 3 credits
Writing clear expository prose. Practice in the major modes of exposition; rhetorical strategies and their influence on style.
Prerequisite: ENG 103.

221/222 Major British Writers — 3 credits each
A study of twelve or more British writers each semester. 221 covers Chaucer to Boswell; 222 covers Wordsworth to Eliot.
Prerequisite: ENG 103.

247/248 American Literature — 3 credits each
The important works of major American writers from the colonial period to Walt Whitman; from the Civil War to present day.
Prerequisite: ENG 103.

Course Descriptions

English (ENG)

266/267 Western World Literature — **3 credits each**
A study of the classical, romantic and realistic trends in the literature of Europe, with emphasis on the works which have influenced English and American writers.
Prerequisite: ENG 103.

315 Introduction to Mass Communication — **3 credits**
A study of the origins, development, techniques and social roles of the major forms of media. Radio, television, film, newspapers, periodicals and advertising.
Prerequisite: ENG 103.

318 The Study of Language — **3 credits**
A study of the roots of American English. Structure, grammar, syntax, forms and functions. Historical principles on which English language is based; major influences on its development since 1066; brief survey of current usage.
Prerequisite: ENG 103.

339 Technical Writing — **3 credits**
Technique and practice in writing basic technical reports. Guidelines for scientific reporting; memoranda; progress reports; formal documents.
Prerequisite: ENG 103.

341 Imaginative Writing — **3 credits**
Development of writing skills in poetry, short stories, journals, essays, letters. Students select one or more areas of specialization under a contract work agreement with the instructor. Number of students limited. Lecture and laboratory.
Prerequisites: ENG 103 and permission of instructor.

343 Writing for Media — **3 credits**
Basic communication technique with emphasis on news values, reporting and writing.
Prerequisite: ENG 103.

350 Medieval and Renaissance Literature — **3 credits**
Intensive study of one or more selected authors, genres or movements, including such topics as Chaucer, Shakespeare, Elizabethan tragedy, the pastoral and metaphysical poetry. Specific topic announced before registration.
Prerequisite: ENG 103.

351 Restoration and Eighteenth Century Literature — **3 credits**
Intensive study of one or more selected authors, genres or movements, including such topics as Restoration Drama, the Age of Pope, satire, biography and the beginnings of the novel. Specific topic announced before registration.
Prerequisite: ENG 103.

Course Descriptions

English (ENG)

352 Nineteenth Century Literature — 3 credits
Intensive study of one or more selected authors, genres or movements, including such topics as Romanticism, Victorian studies, America's Guilded Age, the novel, biography. Course may cover American or British literature. Specific topic to be announced before registration.
Prerequisite: ENG 103.

353 Twentieth Century Literature — 3 credits
Intensive study of one or more selected authors, genres or movements, including such topics as modern fiction, modern drama, British poetry, contemporary American novels. Course may cover British or American literature. Specific topic announced before registration.
Prerequisite: ENG 103.

413 English Cooperative Education — 3 credits
Academic study combined with work experience in the community.

415 Selected Studies in Literature — 3 credits
Intensive study of one or more authors, genres or movements in British, American or world literature. Material may cross national, chronological or disciplinary lines, for instance, literature of women, literature of the old and aging, and other pertinent topics. Students may request areas for study. Specific topic will be announced before registraton.
Prerequisite: ENG 103.

470 Internship — 3-6 credits
Directed studies in all phases of communications.
Prerequisite: ENG 103.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

Course Descriptions

Foods and Nutrition (F&N)

106 Introduction to Foods — **4 credits**
Introduction to the properties of foods and their relation to preparation, techniques of production and food quality; management of resources.
Lecture: 3 hours. Laboratory: 3 hours.

113 Survey of Nutrition — **3 credits**
Overview of major nutrients, the principles of energy metabolism and the role these play in the promotion and maintenance of health. Study of food habits and their effect on food selection and nutritional status.

120 Meal Management and Cultural Foods — **4 credits**
Menu planning, meal preparation lectures and demonstrations with emphasis on ethnic foods and advanced techniques of food preparation.
Lecture: 3 hours. Laboratory: 3 hours.

205 Nutrition in Childhood — **3 credits**
Principles of nutrition and the methods and techniques for teaching these principles to children.
Lecture: 3 hours.

209 Food Science — **4 credits**
A study of the chemical and physical structure of food; processing and preparation.
Lecture: 3 hours. Laboratory: 3 hours.
Prerequisites: F&N 106, CHM 104.

215 Allied Health — **3 credits**
A study of allied health professions and the part each plays in total patient care. Dietetics, medical terminology, medical records, charting.
Lecture: 2 hours. Clinical area: 4 hours.
56 clinical hours required.

241 Fundamentals of Nutrition — **3 credits**
A study of the major nutrients including characteristics, functions and metabolism. Inter-relationship of nutrients; effects of inadequate and excessive intake; principles of energy metabolism; study of student's energy requirements.
Prerequisite: CHM 104.

309 Organization and Management of Food Service — **3 credits**
A study of the organization and administration of institutional food services. Emphasis on personnel and management.
Lecture: 3 hours.

314 Diet Therapy I — **3 credits**
A study of the impact of diet on disease. Diseases and abnormal conditions in which diet is an important part of treatment.
Lecture: 3 hours.
Prerequisites: F&N 301, CHM 204, BIO 205.

Course Descriptions

Foods and Nutrition (F&N)

324 Nutrition and Aging — 3 credits
A review of the principles of nutrition and the application of these principles to the elderly. Nutrients and their selection, use and intake; the role of nutrition in maintenance of health and prevention of disease.
Prerequisite: F&N 241 or permission of instructor.

404 Community Nutrition — 2 credits
Application of the scientific principles of nutrition to families and communities. Special consideration given to differences in cultural and socio-economic backgrounds.
Lecture: 2 hours.
Prerequisite: F&N 241.

406 Community Nutrition Experience — 1 credit
Affiliation with local health agencies. Course may be taken only by Foods and Nutrition majors.

409 Advanced Nutrition — 3 credits
In-depth study of nutrients and energy metabolism. Emphasis on current nutrition research and its application.
Lecture: 3 hours.
Prerequisites: F&N 241, CHM 203, CHM 204, BIO 205.

410 Quantity Foods — 2 credits
A study of the physical and chemical properties of food and the principles of food preparation applied to quantity food production. Different types of food service operations; food distribution systems; problems encountered in food service; human and physical resources.
Prerequisites: F&N 106, F&N 120.

411 Institutional Equipment — 2 credits
The study of the layout and design of a food service operation. Different food service systems and their characteristics; different types of equipment; equipment specifications; determining equipment needs.

413 Foods and Nutrition Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

420 Techniques in Nutrition Counseling — 3 credits
A study of learning theories and the teaching/learning process. Emphasis on changing food practices of individuals and groups. Selection, use and evaluation of various nutrition education materials, methods and techniques.

470 Practicum — 6 credits
Practical experience in dietetics. Eight weeks in local facilities during spring semester of senior year. Students supervised by registered dietitian or food service director.
Prerequisite: all Foods and Nutrition courses.

Course Descriptions

Geography (GEOG)

201 Earth Science — 3 credits
A study of man's physical environment. Astronomy, weather and climate, oceans, rocks, minerals and landforms are explored individually and in relation to one another.

202 Cultural World Geography — 3 credits
A survey of the earth's people and their relationships to the total environment. Europe, Africa, the Middle East, Australia, Asia, the Soviet Union, Latin America, the United States and Canada.

204 Medical Ecology — 3 credits
A study of disease in the context of particular times and places. The various relationships that exist in disease complexes.

206 Environmental Problems — 3 credits
An ecological study of a person's interaction with the total environment. Problems associated with air, land and water pollution; radiation dangers; plant and animal intruders; urban development; population.

220 The American Indian — 3 credits
A survey of the American Indian from pre-Columbian times to the present. Study of Indian tribal groups including ways of life, value systems, methods of survival in varied environments, and interaction with other cultures. The cross-cultural conflicts experienced by Indians today.

350 Selected Regional Topics — 3 credits
Developmental patterns of physical, economic, cultural and political geography in one of the following regions: Anglo-America, Latin America, Europe, Asia, Soviet Union.

413 Geography Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

Course Descriptions

Gerontology (GER)

241 Introduction to Social Gerontology 3 credits
Introduction to the study of aging as just one of many normal life processes in our contemporary culture. Issues discussed include the biological, psychological and sociological aspects of aging and the implications of those aspects.
GER 241 is a prerequisite for all other gerontology courses.

242 Aging, Leisure and Recreation 3 credits
Focuses on the concept of leisure as a value and as a socially significant activity. Study of the theory and practice of leisure activities with regard to the elderly in the community and in institutions.

255 Sociology of Aging 3 credits
The origins and scope of interests in aging as a social phenomenon; presuppositions that underlie the study of age-related changes; the lifespan context in which aging takes place. Topics include the relationship between age and social structure; roles and status of the elderly; intergenerational relationships; aging and social institutions; death and dying.

276 Psychology of Aging 3 credits
The psychological impact of age-related changes that occur between early and late maturity. Topics include changes in perceptual abilities, intellect and learning capacities in late life; adjustment to retirement; role change; and environmental issues which contribute to psychological health.

292 Older Women 3 credits
Focuses on the experience of aging as a woman in an agist and sexist society. Emphasis on the image of the older woman, her physical and mental health, life patterns and economic security.

304 Nutrition and Aging 3 credits
The application of the principles of nutrition to the special needs of the elderly. An understanding of the basic nutritional needs of the aging for students without formal training in nutrition. Students with no previous course work in nutrition may be required to complete additional assignments.

306 Health and Physiology of Aging 3 credits
A study of the effects of aging individuals' physiological changes on overall health. Identification of prevalent health problems in the aging; common conditions of each body system and their distinct features in the elderly; importance of rehabilitation to health maintenance and wellness. Students with no previous course work in physiology may be required to complete additional assignments.

358 Counseling the Older Adult 3 credits
The effecting use of individual and group counseling techniques for older persons with emotional or social difficulties in adjusting to the aging process.

Course Descriptions

Gerontology (GER)

375 Aging Policies and Programs — 3 credits
The historical development and current implementation of social policies for the aging. Discussion of policies affecting income, health care, social services and volunteerism.

392-393 Seminar — 3 credits each
In-depth study of a special topic or area of interest. Small group discussion format for advanced students.

410 Adult Protective Services — 3 credits
Examination of the needs and potentialities of the most vulnerable and frail of the nation's elderly population. Study of the philosophy and delivery of protective services for the elderly.

413 Gerontology Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

415 Literature and Aging
Attitudes toward the aging as reflected in novels, plays, poems and short stories. Comparison of literary images of the aging with current information about aging as a normal process. Themes include death, mourning, loneliness and sexuality.

470 Practicum — 3 credits
Work experience in a selected agency which provides services to the aged. Practicum supervised by an agency representative; education directed by faculty. Direct service to clients.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

Course Descriptions

History (HIS)

101/102 History of Western Civilization — 3 credits each
Study of the main currents in Western cultural and political development. Emphasis on European history from the Renaissance to the mid-twentieth century.

103/104 United States History Survey — 3 credits each
A survey of significant political, economic, social and intellectual themes in the development of the United States. 103 covers colonial times through reconstruction; 104 covers industrialization to the present.

210 History of Comparative Economics — 3 credits
Varying themes in the historical development of economic systems, including the development of the Soviet economies.

270 History of Science and Technology — 3 credits
Survey of scientific advancement from the Enlightment to the computer age. Emphasis on scientific development in the nineteenth and twentieth centuries.

272 Fascism, Socialism and Capitalism — 3 credits
Comparative study of the three political-economic systems which dominate modern western Europe. Emphasis on the twentieth century phenomena of Fascism, Democratic Socialism and Capitalism.

301 History of Nineteenth Century Revolutions — 3 credits
Detailed study of the political, social and intellectual events which culminated in the revolutions of 1789, 1830 and 1848. Emphasis on the industrial and economic conditions which led to late nineteenth century radical movements.

302 History of Europe in the Twentieth Century — 3 credits
An examination of major European developments since the beginning of the First World War. The nature of ideologies of totalitarian states.

305 Recent American Domestic History — 3 credits
A reading and discussion seminar focusing on how the Truman, Eisenhower, Kennedy, Johnson and Nixon administrations dealt with major domestic social and economic issues.

306 The Cold War 1941-1951 — 3 credits
Study of the factors that led to the rise of the Cold War in Europe and Asia. Focuses on the debate surrounding the issue of responsibility for the superpower confrontation after 1945. Reading and discussion seminar.

307 History of Russia — 3 credits
Study of the great Kievan empire, the Mongol yoke, the rise of Moscovite Tsars, the expansion of absolutism, and empire and social revolution.

308 History of Soviet Russia — 3 credits
The development of the Soviet Union from its revolutionary beginnings in 1917 through social upheaval, the terror of the purges, the tragedy and triumph of World War Two, and the growth of the Soviet Empire.

Course Descriptions

History (HIS)

310/311 History of England — 3 credits each
English history from the first Tudor to the present. 310 emphasizes religious settlement, foreign policy, the arts and the crises between crown and parliament. 311 stresses the development of parliamentary government, the growth of the empire and the emergence of Great Britian as a leading world power.

315 Communism: Revolutionary Theory and Practice — 3 credits
A study of the theories of Marx, Lenin, Mao, Che, Ho Chi Minh and others as practiced in the revolutions and resultant societies of China, South East Asia, Latin America, Russia and eastern Europe.

320 Selected Studies in History — 3 credits
A lecture and discussion approach to the study of special themes in history.

321 Nazi Germany — 3 credits
An in-depth study of totalitarianism focusing primarily on Germany from 1920-1945. Emphasis on the career of Adolph Hitler, the SS, the Nazi state, the destruction of European Jewry and World War Two. Secondary emphasis on the phenomena of racism and nationalism.

390 Junior Research Seminar — 3 credits
An introduction to historical methods and research. Students select a topic for their bachelor thesis and are guided in their research and writing. Offered annually. Required of junior history majors.

401 History of the American Revolution 1763-1789 — 3 credits
A study of the causes, consequences and meaning of the American Revolutionary era.

402 Contemporary Crises in Soviet Foreign Policy — 3 credits
A study of the development of Soviet Russia's foreign policy and its goals. Emphasis on the circumstances leading to and involved in contemporary crises.

413 History Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

450 History Internship — 3 credits
Directed field experiences in archival and/or museum projects for junior and senior students at the Wyoming Historical and Geological Society. Students supervised by the professional staff of the Society in cooperation with history faculty. Permission of the instructor required.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

490 History Seminar — 3 credits
Study of selected problems or topics determined by students and seminar instructor.

Course Descriptions

Mathematics (MTH)

100 Mathematical Perspectives 3 credits
The place of mathematics in human enterprise and the central role it has played in the development of western civilization. Topics chosen from among: calculus ideas, geometry, graph theory, modern logic, number theory, unsolvable problems.

103 Elementary Principles of Mathematics 3 credits
Set theory, integers, rational and real numbers, algebra, geometry, problem solving.

108 Precalculus 3 credits
Linear equations, inequalities, functions, graphing, logarithms and exponentials, circular functions.
Prerequisite: Permission of instructor.

113 Fundamentals of Calculus I 4 credits
Functions and graphs, limits, continuity, the derivative, techniques of differentiation, applications, implicit differentiation, antiderivates.
Prerequisite: Three years of high school math or MTH 108 or permission of instructor.

114 Fundamentals of Calculus II 4 credits
The integral as an area, fundamental theorem, sequences, techniques of integration, transcendental functions, laws of growth and decay, partial derivatives.
Prerequisite: MTH 113.

115 Basic Statistics I 3 credits
An introduction to the use of statistical methods with emphasis on practical applications. Descriptive statistics, frequency distributions, estimation of parameters, introduction to hypothesis testing, correlations, linear regression and the use of computers in statistics.
Prerequisite: Algebra I or consent of instructor.

116 Basic Statistics II 3 credits
Hypothesis testing, analysis of variance, correlation and regression analysis, nonparametric statistics.
Prerequisite: MTH 115.

151 Analytic Geometry and Calculus I 3 credits
Basic concepts, limits, derivatives and applications, the conics, the integral.
Prerequisite: Three years of high school math or MTH 108 or consent of instructor.

152 Analytic Geometry and Calculus II 4 credits
Transcendental functions, techniques of integration, polar coordinates, vectors in R2 and R3, differential equations.
Prerequisite: MTH 151.

215 Mathematical Statistics 3 credits
Probability theory, probability distributions, sampling theory, testing of hypotheses, curve fitting and correlation.
Prerequisite: MTH 152 (MTH 115 recommended).

Course Descriptions

Mathematics (MTH)

225 Analytic Geometry and Calculus III — **4 credits**
Spherical and cylindrical coordinates, partial derivatives, multiple and line integrals, sequences and series.
Prerequisite: MTH 152.

241 Linear Algebra — **3 credits**
Systems of linear equations, vector spaces, inner products, determinants, eigenvalues and eigenvectors, applications.
Prerequisite: MTH 152.

242 Differential Equations — **3 credits**
Equations of first order and degree, higher order and degree equations, including linear with constant coefficients, systems of equations.
Prerequisite: MTH 225.

244 Set Theory and Logic — **3 credits**
Introduction to set theory, equivalence and order, Boolean algebra, introduction to logic, rules of inference.
Prerequisite: MTH 152.

321 Applications of Mathematics — **3 credits**
Constructing mathematical models of real world phenomena. Several mathematical models of discrete and continuous processes studied in detail.
Prerequisite: MTH 241.

341 Principles of Analysis I — **3 credits**
Real number system, topology, sequences and series, continuity and differentiability.
Prerequisites: MATH 225, MTH 241.

342 Principles of Analysis II — **3 credits**
Riemann-Stieltjes integral, functions of several variables, introduction to complex and analysis, Lebesgue theory.
Prerequisite: MTH 341.

350 Mathematical Physics — **3 credits**
Some mathematical techniques necessary for the study of advanced physics. Includes Fourier series, Bessel functions, Legendre polynominals, vector analysis and solution of partial differential equations in boundary value problems. Course offered on request.
Prerequisite: MTH 242.

351 Geometry — **3 credits**
History of geometry, axiom systems, types of geometries, axiomatic development of a geometric theory.
Prerequisite: MTH 244.

363 Abstract Algebra I — **3 credits**
Introduction to abstract algebra, integers, groups, introduction to rings and fields.
Prerequisites: MTH 225, MTH 244.

Course Descriptions

Mathematics (MTH)

364 Abstract Algebra II — 3 credits
Rings, integral domains, fields, polynomials.
Prerequisite: MTH 363.

413 Math Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

421 Introduction to Numerical Analysis — 3 credits
Numerical techniques for solving equations, systems of linear equations, differential equations. Numerical interpolation, approximation, integration and differentiation.
Prerequisites: MTH 241, CPS 121.

425 Topology — 3 credits
Topological spaces, mappings and homeomorphisms, connected spaces, compact spaces. Course offered on request.
Prerequisite: Permission of instructor.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

485 Reading in Mathematics — 1 credit
Prerequisite: Permission of Department.

490 Mathematics Seminar — 3 credits
Prerequisite: Permission of Department.

Course Descriptions

Music (MUS)

Theory I-II

010/030 Analysis and written harmony, keyboard harmony. — 2 credits each

020/040 Sight singing and ear training. — 2 credits each

010 must be taken before 030.
020 must be taken before 040.

103 **Class Piano** — 1 credit
A class in functional piano for beginning students.

105/106 **String Instrument Class** — 1 credit each
An introduction to the technical problems involved in the playing of string instruments.

107/108 **Dance: An Experience in Creative Movement I-II** — 1 credit each
A study of relaxation and tension, breathing and coordination. Creative, spontaneous reaction as a base for directed improvisations in a personal approach to music.
May be substituted for Physical Education.

111/112 **Voice Class** — 1 credit each
Class instruction in voice for music majors.

117/118 **Applied Music** — 1 credit each
Applied music for non-music majors. May be repeated for credit.

Applied Music

127	Voice	1-2 credits
128	Piano	1-2 credits
129	Organ	1-2 credits
130	Violin	1-2 credits
132	Viola	1-2 credits
133	Cello	1-2 credits
134	String Bass	1-2 credits
135	Flute	1-2 credits
136	Clarinet	1-2 credits
137	Trumpet	1-2 credits
138	French Horn	1-2 credits
141	Saxophone	1-2 credits
142	Percussion	1-2 credits

Course Descriptions

Music (MUS)

143 Oboe — 1-2 credits

144 Bassoon — 1-2 credits

146 Guitar — 1-2 credits

147 Tuba — 1-2 credits

148 Trombone — 1-2 credits

131 Guitar Arranging — 3 credits
Prerequisite: Four semesters of guitar study and permission of instructor.

139 Recorder — 1 credit
Lessons on the soprano recorder. Special attention to proper hand positioning, fingering, breath control and tone.

140 Introduction to Music — 3 credits
A study of the basic elements of music. Designed for non-music majors with an interest in the structure of music or for music majors who are deficient in theory.

145 Orientation to Therapy — 3 credits
An overview of music therapy and other therapies, psychotherapeutic approaches; the exceptional people with whom music therapists work. Clinical observation required.

159 Class Guitar — 1 credit
Practical theoretical knowledge and performance of all chords in various meters, styles and tempos, with or without plectrum.

205/206 Survey of Music History I-II — 3 credits each
Study of the major development in music history and style in the West from the Greeks through the Renaissance. Second semester covers the Baroque through the post Romantic periods.
Prerequisite: Permission of instructor required for non-music majors.

207 Percussion Class — 1 credit
Development of basic techniques on the most frequently used percussion instruments; conventions of notation; care of the instruments; methods and materials.

Theory III-IV
A continuation of Theory I-II:.

050/070 Advanced harmony and keyboard training. — 2 credits each
060/080 Advanced sight singing and ear training. — 2 credits each
Prerequisites: 010, 020, 030,040.
050 must be taken before 070.
060 must be taken before 080.

211/212 Wind Instrument Class — 1 credit each
Instruction in the correct fundamentals for at least three woodwind and three brass instruments. Demonstration in class teaching; methods and materials.

Course Descriptions

Music (MUS)

228/229 Dance: An Experience in Creative Movement III-IV — **1 credit each**
More advanced study in movement techniques stressing dynamics and form. Directed improvisations and creative activity.

230 Music Appreciation — **3 credits**
A study of the basic materials of music; analysis of music with reference to cultural background.

231 American Music — **3 credits**
Exploration of the style and structure of jazz and blues; musical comedy and ballet; contemporary and electronic music.

232 Accompanying — **1 credit**
Study of good accompaniment practices with emphasis on sight reading. Supervised experience in accompanying instrumentalists and vocalists in the studio and recital.

251 Music in Therapy — **3 credits**
A study of the clinical uses of music as therapy in the treatment of geriatric patients, mentally ill and physically disabled children, adolescents and adults.

253 Music Therapy Techniques — **2 credits**
Focuses on creating and adapting music and musically-based activities to meet the needs of exceptional clients. Using resources, determining and writing goals and objectives, problem solving skills.

282/283 Lab Band — **.5 credit each**
Practical application of techniques learned in string class.

301 Functional Piano — **1 credit**
Designed for music therapy and music education majors; supplements keyboard harmony. Emphasizes harmony at sight, transposition and other skills needed in classroom and clinical situations.

315 Form and Analysis — **2 credits**
General elements in musical structure. Simple and compound part forms: the suite, rondo, sonata, variation and contrapuntal forms studied through analysis of representative works.

317 Twentieth Century Trends — **3 credits**
Study of the major trends in twentieth century music from Stravinsky to electronic music. Permission of instructor required for non-music majors.

327 Conducting — **2 credits**
A study of the basic skills of conducting choruses and instrumental ensembles; score reading; baton techniques and interpretation.

328/329 Dance V-VI — **1 credit each**
An advanced course designed for students with sufficient technical training in dance. Center floor, adagio, allegro and traveling floor patterns.

Course Descriptions

Music (MUS)

341 Vocal Counterpoint — 2 credits
Two, three and four-part writing with emphasis on sixteenth century modal counterpoint.

342 Instrumental Counterpoint — 2 credits
Two, three and four-part writing with emphasis on eighteenth century contrapuntal style. Canons, inventions and fugues.

352 Influence of Music on Behavior — 3 credits
A study of music as a form of human behavior. The aesthetic need of man for music; the physiological, neurological, psychological and sociological needs for music experiences; the attitudes toward research of musical phenomena.

359 Music in Special Education — 3 credits
Introduction to the use of music with exceptional children. Various methodologies will be explored in this experiential course. Offered in alternate years.

363/364 Music Education — 3 credits each
Principles and procedures for the development of music skills in primary and intermediate grade students. Study of the teaching and organization of vocal music classes in junior and senior high school. Consideration of methods and materials for general music classes and chorus.

367 Music in the Elementary School — 3 credits
Basic musicianship for the classroom teacher. Designed for elementary education majors.

370 Instrumental Music Methods — 3 credits
Consideration of the materials, equipment and techniques necessary to organize and operate an effective instrumental music program in the public schools.

380 Clinical Practicum — 1 credit
Music therapy majors work with exceptional clients once a week in local agencies; supervised by music faculty. Weekly seminar.

410 Composition — 2 credits
Free composition in various forms for vocal and instrumental media.

412 Orchestration — 2 credits
A study of the characteristics of orchestral instruments. Practice in scoring instrumental combinations.

413 Piano Ensemble — 1 credit
Reading and performing compositions for two pianos.

414 Piano Literature — 2 credits
A survey of the important literature for the piano from 1700 to the present. Intended primarily for piano majors.
Prerequisite: Four semesters of applied piano.

Course Descriptions

Music (MUS)

415 Music Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

416 Electronic Music — 3 credits
Introduction to electronic music techniques. Use of controls, envelope generators, filter banks and sequencer. Class limited to six students; preference given to music majors.

426 Pedagogy in the Major Instrument — 2 credits
Discussion of modern techniques, teaching materials, specific problems of correct presentation of class or individual methods.

429/430 Dance VII-VIII — 1 credit each
Continuation of advanced techniques.

453/454 Psychology of Music — 2 credits each
First semester examines musical stimuli and response, acoustics and research literature. Second semester covers learning theories and psychological positions on learning and development related to musical behavior; measurement and evaluation of musical behavior; practice in research design and implementation.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

490 Music Seminar — 1-2 credits
Readings, discussion and research from student teaching or clinical experience. For seniors only.

Performance Organizations

601	College Chorus	.5 credit
602	College Orchestra	.5 credit
603	Chamber Strings	.5 credit
604	Chamber Singers	.5 credit
605	Jazz Band	.5 credit
606	Brass Quintet	.5 credit
607	Flute Ensemble	.5 credit
608	Woodwind Ensemble	.5 credit

All may be repeated for credit.

Course Descriptions

Nursing (NSG)

275 Physical Assessment for Nursing Practice — 1 credit
Designed for and limited to Registered Nurses. Incorporating the skills of physical assessment into everyday nursing practice; evaluating effectiveness of prescribed therapy in terms of patient's response to care. Lecture and demonstration; student participation.
No prerequisite.

279 Introduction to Concepts of Nursing Practice — 4 credits
A framework for health maintenance and promotion in a complex society. Set of concepts and tools that can be used in any setting with a variety of people.
Prerequisites: PSY 123, SOC 110, CHM 104, CHM 203.

280 Human Needs Assessment of the Individual — 4 credits
Discussion of nursing process and practice is expanded to include accountability, role of the nurse, documentation of client care. Emphasis on holistic care and basic human needs, maturation level and psychosocial variables.
Prerequisites: NSG 279, F&N 241, BIO 211.

381 Family Centered Adult Health — 10 credits
Exploration of the pathophysiological and psychosocial factors of health and illness related to the adult client and family. Principles from the humanities, previous nursing courses, and from the sciences applied to promotion of client and family wellness.
Prerequisites: NSG 280, SOC 321, BIO 212, BIO 227.

382 Family Centered Parent-Child Health — 10 credits
Exploration of the pathophysiological and psychosocial factors of health and illness related to childbearing and childrearing families. Principles from the humanities, previous nursing courses, and from the sciences applied to the promotion of client and family wellness.
Prerequisites: NSG 280, SOC 321, BIO 212, BIO 227.

390 Nursing Research — 3 credits
Introduction to and overview of the research process. The importance of research in nursing; the need for increased research.
Prerequisite: Successful completion of all required courses through sophomore year.

472 Nursing V — 10 credits
Community health and mental health concepts are integrated to enable students to treat the client as a total person in any setting.

473 Nursing VI — 8 credits
Concepts of leadership, management, professional growth and research. Clinical areas chosen for further study, practice and investigation. Developing objectives, making critical judgments.

NOTE: *NSG 472 and NSG 473 will be offered for the last time in Spring, 1984. Beginning Fall, 1984, these courses will be replaced by NSG 481, NSG 482, and NSG 490.*

Course Descriptions

Nursing (NSG)

481 Community Health — Mental Health Nursing 10 credits
The inter-related systems of the individual, family and community. Students work in community agencies and assist individuals and families in becoming more aware of primary, secondary and tertiary prevention. Introduction to community health and mental health concepts.
Prerequisites: NSG 381, NSG 382, NSG 390.

482 Nursing Leadership and Management 8 credits
Framework for personal and professional growth in nursing leadership and management. Developing individual goals and objectives; practicing under the guidance of nursing faculty; evaluating performance.
Prerequisites: NSG 381, NSG 382, NSG 390.

490 Issues and Trends in Nursing and the Health Care System 3 credits
Analysis of major issues and trends in nursing and health care. Study of the impact of socioeconomic and political variables on nursing practice.
Prerequisite: Successful completion of all required courses through junior year.

Course Descriptions

Occupational Therapy (OT)

101/102 Seminar — 0 credit
Introduction to health care and the values, attitudes and qualities necessary to succeed in the helping professions. Second semester emphasizes values clarification and self awareness to assist students in making a commitment to professional level study. Included are presentations by therapists and other health care professionals.
Seminar: 1 hour.
Prerequisite: Pre-OT major.
101 offered Fall; 102 offered Spring.

201 Human Development and Occupational Performance — 4 credits
Study of human performance as it relates to the mastery of occupational performance skills of self-care, work, and play/leisure. Observation experiences with populations spanning the developmental continuum. Satisfaction of human needs through occupation stressed.
Lecture: 3 hours. Field study: 2-4 hours.
Students provide own transportation to and from field study sites.
Prerequisite: Enrollment in Professional OT program.
Corequisite: OT 209. Fall.

202 History, Philosophy and Functions — 4 credits
Introduction to the profession through a study of its history, theories and philosophies, and prominent figures in its development. Professional ethics and specific functions of OT in various settings are integrated.
Lecture: 3 hours. Field study: 2-4 hours.
Students provide own transportation to and from field study sites.
Prerequisite: OT 201.
Corequisite: OT 210. Spring.

209/210 Occupational Process and Analysis I-II — 2 credits each
Analysis of the occupational performance components normally used in completing tasks in selected art media, clay, mosaic tile, wood, cooper, leather, weaving, needlework and survival skills. Integration of normal human developmental principles using a case study approach.
Laboratory: 4 hours.
Prerequisite: Enrollment in Professional OT program.
Corequisite for 209: OT 201. Fall.
Corequisite for 210: OT 202. Spring.

215/216 Conditions I-II — 2 credits each
Lectures related to etiology, prognosis and treatment of major conditions affecting human development and wellness throughout the lifespan. Systems approach used to identify basic human needs threatened by each condition. Pertinent terminology integrated.
Lecture: 2 hours.
Prerequisite: Enrollment in Professional OT program.
Corequisite: BIO 219/220.

Course Descriptions

Occupational Therapy (OT)

301/302 Occupational Therapy Intervention I-II — **4 credits each**
Study of conditions affecting normal development and their implications for need fulfillment. Second semester explores in depth major conditions caused by trauma, disease or genetics that result in physical dysfunction. Specific occupational therapy methods of evaluation and rehabilitation stressed.
Lecture: 3 hours. Laboratory: 2 hours.
Prerequisites for 301: OT 202, OT 215/216.
Corequisites for 301: OT 309, OT 315.
Prerequisites for 302: OT 301, OT 309, OT 315.
Corequisites for 302: OT 310, OT 316.

309 Sensorimotor Processes and Occupational Performance — **3 credits**
A review of neuroanatomy and neurophysiology as they relate to sensory, motor and limbic systems. Basic sensory integrative theory relative to facilitating performance in self-care, work and play/leisure skills. Concepts integrated in lab and practicum experiences.
Lecture: 3 hours.
Corequisites: OT 301, OT 315. Fall.

310 Movement, Measurement and Occupational Performance — **3 credits**
Principles of functional anatomy with emphasis on normal and abnormal motion. Measurement techniques and methods of facilitation and inhibition. Biomechanical and neuro-developmental principles applied to work, self-care and play/leisure occupation. Identifying needs achieved or impaired by normal and abnormal motion patterns. Concepts integrated in lab and practicum experiences.
Lecture: 3 hours.
Corequisites: OT 302, OT 316. Spring.

315/316 Practicum I-II — **2 credits each**
Experience observing and interacting with developmentally and physically disabled individuals. Stress placed on associating theory and techniques of intervention to the practical setting.
Students provide own transportation to and from practicum sites.
Practicum: 6-8 field hours/week.
Corequisites for 315: OT 301, OT 309.
Corequisites for 316: OT 302, OT 310.

401 Occupational Therapy Intervention III — **4 credits**
Examination of major psychiatric disorders and concepts relative to occupational therapy practice. Methods of evaluation and intervention explored in depth.
Lecture: 3 hours. Laboratory: 2 hours.
Prerequisites: OT 201, OT 202, PSY 430.
Corequisite: OT 417. Fall.

Course Descriptions

Occupational Therapy (OT)

417 Practicum III — 2 credits
Experience observing and interacting with individuals with psychosocial problems. Association of theories and methods of intervention to the practical setting.
Students provide own transportation to and from practicum sites.
Practicum: 6-8 field hours/week.
Corequisite: OT 401. Fall.

419 Administration and Supervision — 2 credits
Organization, supervision and management principles related to developing and providing effective occupational therapy services. Discussion of current issues affecting practice.
Lecture: 2 hours.
Prerequisite: Permission of instructor. Fall.

450 Field Work in Psychosocial Rehabilitation — 7 credits
Three months of full time experience practicing the skills of the entry level therapist under the supervision of a registered occupational therapist.
Students provide own room, board and transportation if not provided by affiliated agency.
Prerequisite: Completion of all academic and practicum requirements. Spring, Summer.

454 Field Work in Physical-Social Rehabilitation — 7 credits
Three months of full time experience practicing the skills of the entry level therapist under the supervision of a registered occupational therapist.
Students provide own room, board and transportation if not provided by affiliated agency.
Prerequisite: Completion of all academic and practicum requirements. Spring, Summer.

356 Special Field Work (Optional) — 2-3 credits
Six to eight weeks of supervised experience in an area of special interest, e.g. pediatrics, geriatrics, general medicine, school based practice.
Prerequisite: Completion of all academic and practicum requirements. Spring, Summer.

Course Descriptions

Philosophy (PHL)

101 **Contemporary Self-Images** **3 credits**
A study of individual thinkers who represent the dominant ideologies that shape our present self-understanding. The defining ideas of our culture and the modern age; an exploration of the conditions that brought on a climate in which transcendence is difficult to attain.
This course is part of the core curriculum and is required of all students.

225 **Ethics** **3 credits**
Ethics is a discipline which imparts or seeks knowledge of the rightness or wrongness of voluntary action and its consequences. The application of ethical theory to different sets of problems allows for a variety of topical presentations which are outlined below:

Variations

Social Ethics
An examination of the leading ethical theories in normative discourse, including utilitarianism and non-consequentialism; the application of theories to such social problems as suicide, euthanasia, abortion, punishment and environmental issues.

Business Ethics
The general principles of ethics applied to the free enterprise system. Capitalism, social justice, the role of government in business.

Medical Ethics
Study of Christian ethical principles relative to modern science and the health professions. Abortion, artificial insemination, human experimentation, genetic experimentation and organ transplants.

256 **Philosophy of Love** **3 credits**
A phenomenological examination of the reality and meaning of love, and of love's relationship to the basic structures of human existence.

257 **Philosophy of Religion** **3 credits**
A philosophical inquiry into the nature of religion and the objects of thought and feeling associated with religion, such as the nature and existence of God, the nature of religious experience, evil, transcendence.
This course is part of the Honors colloquia.

260 **Practical Logic** **3 credits**
The application of logical principles, techniques of critical thought and argumentation to the needs of everyday life. Emphasis on assessing the legitimacy of arguments, detecting common fallacies, evaluating evidence and improving skills in reasoning.

261 **Philosophy of Women** **3 credits**
A philosophical examination of the literature and central issues of the women's liberation movement.

Course Descriptions

Philosophy (PHL)

270 Social and Political Philosophy — 3 credits
An exploration of issues pertaining to the order of human life in civil society. Study of social and political writings; literary, philosophical and religious works that express politically relevant concepts of man and the world.

290 Philosophy of Person — 3 credits
A dominantly Thomistic and phenomenological approach to analyzing the existential structures that constitute a person. Exploration of the possibilities for personal growth and evaluation of the various social forces that limit these possibilities.

390 Philosophy of Art — 3 credits
An interdisciplinary inquiry into several key problems in the philosophy of art and aesthetics. Special attention to such themes as creativity, the evaluation of art, the purpose of art and the nature of symbols.

413 Philosophy Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

480 Independent Study — 1-3 credits
Special investigation of a selected topic.

485 Special Topics — 1-3 credits
Topic may vary from semester to semester and will be announced with preregistration information and course hours.

Course Descriptions

Physical Education (PHE)

105 Archery — 1 credit
Instruction in basic target archery techniques, including the low method of anchoring and the bowsight methods of aiming. Fundamentals of selection and care of equipment; basic safety procedures.

107/108 Dance: An Experience in Creative Movement — 1 credit each
A study of relaxation and tension, breathing and coordination. Creative, spontaneous reaction as a base for directed improvisations.

110 Badminton — 1 credit
Instruction in the basic skills of badminton: serves, clear, smash, drop, drive and net shots. Rules and basic strategy of singles and doubles in recreational and tournament situations.

115 Bowling — 1 credit
Techniques and skills of stance, approach, aim, delivery and etiquette of bowling. Language and rules of the sport. Additional costs.

120 Gymnastics — 1 credit
Fundamental gymnastic skills, spotting techniques, safety procedures and nomenclature for women's olympic events.

125 Racquetball — 1 credit
Fundamentals of the game, including history, rules, stroking techniques and game tactics. Practice in singles and doubles play in competitive situations.

130 Tennis — 1 credit
The basic spin serve, forehand and backhand drives, forehand and backhand volleys. Knowledge of theory involved in stroke production; concepts of placement and speed of the ball; progression for learning each stroke; rules and scoring systems for singles and doubles; basic strategy of singles and doubles. The significance and value of sport tennis as a cultural mode.

135 Special Physical Education — 1 credit
A program of physical activities for students with limitations which preclude their participation in regular classes. Enrollment based on physician's recommendation or a limitation identified by the student or an instructor. Program is individualized to meet students' needs.

140 Skiing — 1 credit
Series of eight lessons at a nearby ski school. Instruction for students who have little or no skiing experience, including proper use of equipment, safety, use of lifts, progressive development of parallel ski technique to the point of doing smooth linked turns.

145 Volleyball — 1 credit
Instruction and practice in basic skills including the underhand and overhand serve, set, bump, one-hand dig, spike and block. Rules, basic offensive and defensive strategy and sociocultural aspects of the sport are discussed.

Course Descriptions

Physical Education (PHE)

150 Personal Development — 1 credit
Development of programs of exercise and activity based on individual assessment of status, needs and goals. Students are enabled to determine realistic goals for their own development and use of activity throughout life.

155 Softball — 1 credit
The nature and scope of softball; understanding and application of rules. Execution of basic softball skills and application of basic game strategy.

301 Physical Education of Children — 2 credits
Introduction to the scope of physical activities for the young child. Emphasis on planning and conducting a worthwhile physical education program; correlation of physical education activities with other aspects of education.
Prerequisite: Six hours of education courses.

305 Adapted Physical Education — 2 credits
Study of health and physical education programs and materials for special children. Experience with adapted physical education and health programs.

413 Physical Education Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

Course Descriptions

Physics (PHY)

101/102 Radiologic Physics — **3 credits each**
Structure of matter; basic electricity and magnetism; X-ray properties, production and interaction with matter; X-ray circuit.
Lecture: 2 hours. Laboratory: 2 hours.

107/108 Introductory Physics — **3 credits each**
An appreciation of the world of physics for non-science majors. Classical physics topics which illustrate the history, method and applications of physics. Emphasis on modern physics.
Lecture: 2 hours. Laboratory: 2 hours.

109 Acoustics — **3 credits**
Fundamental principles of acoustics and their application to musical instruments.
Offered on request.

131 Physical Science — **3 credits**
A survey of physical science including astronomy, chemistry and physics.
Lecture: 2 hours. Laboratory: 2 hours.

141 Introductory Astronomy — **3 credits**
Elementary astronomy including such topics as the tools of the astronomer, the earth, the moon, the solar system, the sun, stars, galaxies, stellar evolution, cosmology.
Offered on request.
Lecture: 3 hours.

221/222 General Physics — **4 credits each**
Fundamentals of mechanics, heat, wave motion, light, electricity and magnetism. Knowledge of calculus recommended.
Lecture: 3 hours. Laboratory: 2 hours.

341 Modern Physics — **3 credits**
Introduction to atomic and nuclear physics including the Bohr atom, spectra, X-rays, matter waves, radioactivity, nuclear energy, relativity. Offered on request.
Lecture: 3 hours.
Prerequisite: PHY 222.

350 Mathematical Physics — **3 credits**
Some mathematical techniques necessary for the study of advanced physics, including Fourier series, Bessel functions, Legendre polynomials, vector analysis and solution of partial differential equations in boundary value problems. Offered on request.
Lecture: 3 hours.
Prerequisite: MTH 242.

413 Physics Cooperative Education — **3-12 credits**
Academic study combined with work experience in the community.

Course Descriptions

Political Science (POL)

100 American National Government — 3 credits
A study of the national government, its structure, powers and functions.
Part of the core curriculum.

251/252 Law Seminar I-II — 3 credits each
Introduction to the legal system and legal profession; the role of lawyers and judges in American society; the courts and judicial process; policy making; legal research and procedures; the use of law books; legal terms; decision making; litigation, case analysis.
Correlated field instruction and field experiences included.

315 Communism: Revolutionary Theory and Practice — 3 credits
Study of the theories of Marx, Lenin, Mao, Che, Ho Chi Minh and others as practiced in the revolutions and resultant societies in China, South East Asia, Latin America, Russia and Eastern Europe.

405/406 American Constitutional Law I-II — 3 credits each
A case method survey of the organic role of the United States Supreme Court in the total process of the American constitutional system. Emphasis on governmental structure and relationships.

413 Political Science Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

450/451 Internship — 3 credits each
Directed field experiences for advanced students in law offices or law related agencies. Weekly College conferences coordinate theoretical knowledge with field observations and practical experiences.
Prerequisite: Permission of program director.

480/481 Independent Study — 1-3 credits each
Special investigation of a selected topic.

485 Special Topics — 1-3 credits
Topic may vary from semester to semester and will be announced with preregistration information and course hours.

Course Descriptions

Psychology (PSY)

123 Introduction to Psychology — **3 credits**
A survey of the science of contemporary psychology, its methods, findings, theoretical foundations and practical applications. Topics include biological basis of behavior, developmental processes, perception, learning, motivation, personality, social behavior and abnormal behavior.

224 Organizational and Industrial Psychology — **3 credits**
Investigation of organizational behavior, personnel and industrial psychology, with emphasis on utilization of basic psychological theory to make organizations more effective. Topics include personnel selection, performance appraisal, training employees and managers, leadership and supervision, communication, motivation, attitudes and job satisfaction.
Prerequisite: PSY 123 or permission of instructor.

232 Research Methods — **3 credits**
Development of appreciation for the scientific method as applied to the behavioral sciences. The language of science, concepts, propositions, hypotheses, models, theories and empirical laws. Analysis of the concepts of experimental, correlational and case study methods.
Prerequisite: PSY 123.

275 Child and Adolescent Psychology — **3 credits**
Study of the relationship between physiological and psychological growth of the individual from infancy through adolescence. Emphasis on the theoretical formulations of child and adolescent development relative to emotional and cognitive processes.
Prerequisite: PSY 123 or permission of instructor.

276 Psychology of Aging — **3 credits**
Survey of the psychological impact of age-related changes that occur between early and late maturity. Areas of study include changes in perceptual abilities, intellect and learning capacities in late life; personality changes and emotional dimensions of late life; adjustment to retirement; role changes; and environmental issues which contribute to psychological health.

280 Tests and Measurements — **3 credits**
Development of skills necessary to determine the adequacy of testing instruments. Topics include personality measures, interests tests, IQ scales, achievement tests and aptitude tests. Summary of measurement statistics provided but students are encouraged to take MTH 251, Basic Statistics, as background.

330 Personality — **3 credits**
Survey of the various theories of development, structure and characteristics of personality. Freudian theory, behavioral, humanistic and existential viewpoints, trait theorists and others are explored.
Prerequisite: PSY 123 or permission of instructor.

Course Descriptions

Psychology (PSY)

350 Social Psychology — 3 credits
Study of the relationships between individuals, and between individuals and groups or institutions. Topics include attribution of responsibility, interpersonal attraction, social influence, attitude change, characteristics and effects of crowds, and determinants of behavior.
Prerequisite: PSY 123 or permission of instructor.

365 Alcoholism — 3 credits
An overview of alcoholism including the impact of alcohol and alcoholism on individuals and society, fetal alcohol syndrome, employee assistance programs and Alcoholics Anonymous.
Prerequisite: Permission of instructor.

381 Special Topics — 1-3 credits
Topics may vary from semester to semester and will be announced with preregistration information and course hours.

385 Communication Skills: Interviewing and Recording Techniques — 3 credits
Development of skills that may be useful in working directly with clients and others including listening for emotions, monitoring one's own reactions and responses, building a client-worker relationship which can foster constructive change in the client.

413 Psychology Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

430 Abnormal Psychology — 3 credits
Study of both professional and popular theories regarding mental illness and abnormal behavior. Exploration of chronology of abnormal behavior theories from madness and demonic possession to modern day viewpoints. Comparative study of medical, behavioral and social models of mental disorder.
Prerequisite: PSY 123 or permission of instructor.

431 Learning and Behavior Modification — 3 credits
Review of major learning theories including classical and operant conditioning, and social learning theory. Emphasis on appropriate use of behavior modification techniques by parents, teachers, social workers, health care professionals. Students learn to use behavior modification techniques and practice them throughout the course.
Prerequisite: PSY 123 or permission of instructor.

452 Counseling and Psychotherapy — 3 credits
Emphasis on treatment of psychopathology, including discussion of such approaches as psychoanalysis, Rogerian therapy, gestalt, rational, emotive and behavior therapy, primal scream therapy, transactional analysis, drug therapy, shock therapy, psychosurgery and religious counseling. Study of the current research on the effectiveness of the various therapies.
Prerequisites: PSY 123, PSY 430, or permission of instructor.

470/471 Advanced Seminars in Psychology — 3 credits each
To enable students of advanced standing to explore in detail specific sub-areas within the field of psychology. Topics will vary; readings and group discussion. Paper usually required.
Prerequisite: Permission of instructor.

Course Descriptions

Radiologic Technology (RDT)

106 Medical Terminology — **1 credit**
Anatomical names of bones and organs of the body and other descriptive terms and their common abbreviations; prefixes and suffixes, proper usage, spelling and interpretation of terms.
Lecture: 1 hour.

108 Radiologic Positioning I — **4 credits**
Fundamental principles of positioning including demonstration. Emphasis on need for different views to maintain correct detail and proportion of parts; avoidance of magnification, distortion and superimposition of structures; topographic and radiographic anatomy.
Lecture: 3 hours. Laboratory: 3 hours. Fall.

110 Radiologic Positioning II — **3 credits**
Topographic and radiographic anatomy of the skull, skull positioning, ancillary radiographic procedures.
Lecture: 3 hours.
Prerequisites: RDT 106, RDT 108, BIO 127. Spring.

111 Practicum of Skull Positioning — **1 credit**
Practical application of positioning cranial anatomy.
Laboratory: 3 hours.
Corequisite: RDT 110. Spring.

112 Methods of Patient Care — **2 credits**
Communication, asepsis, body mechanics, vital signs, emergencies, drug administration and isolation technique.
Lecture: 2 hours. Fall.

121 Radiologic Technique I — **2 credits**
History of radiology, darkroom procedures, protection, exposure factors and film critique.
Lecture: 1 hour. Laboratory: 2 hours. Fall.

122 Radiologic Technique II — **2 credits**
Mathematical conversion of exposure factors, quality control, film critique.
Lecture: 2 hours.
Prerequisite: RDT 121. Spring.

141 Clinical Experience I — **1 credit**
Orientation to the clinical setting, equipment familiarization, application of theoretical principles through examination of patients under direct supervision. Film critique.
16 hours per week.
Prerequisites: RDT 106, RDT 108, RDT 112, RDT 121. Spring.

145 Clinical Experience II — **0 credit**
Continuation of RDT 141. Experience in perfecting the application of ionizing radiation under supervision.
40 hours per week.
Prerequisites: RDT 110, RDT 111, RDT 122, RDT 141. Summer.

Course Descriptions

Radiologic Technology (RDT)

200 Radiation Protection — 1 credit
Patient protection, personnel protection, maximum permissable dose, exposure monitoring. Required course for all radiologic technology majors.
Lecture: 1 hour. Spring.

216 Registry Seminar — 1 credit
Review of the basic principles of positioning and technique, anatomy and physiology, ethics.
Lecture: 1 hours. Spring.

221 Special Radiographic Procedures — 2 credits
History and equipment, neuroradiography, angiography, bronchrography, hysterosalpingography, arthrography, subtraction and xerography.
Lecture: 2 hours. Fall.

222 Radiologic Technique III — 3 credits
Techniques in fluoroscopy, tomography, stereoscopy, magnification, factors affecting the image, collimation, grids, filters, film critique.
Lecture: 2 hours. Laboratory: 2 hours.
Prerequisite: RDT 122. Fall.

230 Clinical Experience III — 3 credits
Continuation of RDT 145, including special procedure and pediatric radiology.
24 hours per week. Fall.

231 Clinical Experience IV — 3 credits
Practical application of theory and skills acquired in all phases of the curriculum.
24 hours per week.
Prerequisites: RDT 221, RDT 222, RDT 230. Spring.

232 Clinical Experience V — 0 credit
Continuation of RDT 231.
40 hours per week. Summer.

235 Professional Ethics — 2 credits
Moral, legal and professional ethics, confidential information, interpersonal relationships, medicolegal considerations.
Lecture: 2 hours. Fall.

247 Radiologic Pathology — 1 credit
A study of disease: congenital, trauma, bacterial and viral disorders, neoplastic and degenerative. Conditions of illness and their effects on systems of the human body.
Lecture: 1 hour. Spring.

Course Descriptions

Radiologic Technology (RDT)

413 Radiologic Technology Cooperative Education — **3-12 credits**
Academic study combined with work experience in the community.

444 Radiologic Technology Practicum — **3 credits**
Clinical experience and classroom instruction as designated by the program director. For baccalaureate program students only.

448 Quality Control — **3 credits**
Examination of factors affecting radiographic quality and methods used to test, evaluate and ensure radiographic quality. For baccalaureate program students only.

Course Descriptions

Religious Studies (RLS)

100 **Biblical Studies** 3 credits

The study of the Bible with an awareness of what the Biblical authors meant to communicate to their contemporaries. Approaches to a number of Biblical questions allow for a variety of topical presentations which are outlined below:

Variations

Introduction to the Old Testament
A study of the development of the Israelites' religious consciousness from the patriarchal period to the Maccabean kingdom. Consideration of political history where it is important as background.

Introduction to the New Testament
A study of the history of first century Palestine and the aspects of first century Judaism relevant to an understanding of the first Christians. The spread of Christianity from the Aramic-speaking world to the Greek-speaking world and its accompanying doctrinal development. Study of selected Pauline letters; literary techniques and the theological perspectives of the evangelists.

101 **Catholic Teaching** 3 credits

Reflections upon Christian faith and practice as developed and interpreted by the Roman Catholic Church. Approaches to a number of questions related to Catholicism allow for a variety of topical presentations which are outlined below:

Variations

Catholic Search for Truth
The foundations of Catholic faith; the development and growth of Catholic doctrine; expressions of faith; the questions debated in the Church today.

Jesus: God and Man
Historical, scriptural and theological insights into the actuation of the Jesus event in one's personal life, in the Church and in contemporary world experience.

Sacred Symbols in Human Experience
The role of symbol in people's lives; an understanding of Christian sacramentality. Inquiry into the origin and nature of symbols, the development of Christian symbols and the mission and nature of the Church.

Course Descriptions

Religious Studies (RLS)

103 **Moral Theology** **3 credits**

A study of human conduct within a Christian context. Examination of the free, rational behavior of human beings measured against the demands of faith. The application of moral theology to different sets of problems allows for a variety of different topical presentations which are outlined below:

Variations

The Gospel and Social Justice
Contemporary issues of social justice including world hunger, human rights, Third World development, minority groups, etc. Consideration of the Biblical notion of justice, encyclicals related to justice, Vatican II documents and other important materials.

Holocaust: A Study of Evil
Examination of the difficult questions raised by the Holocaust, especially the problem of a just and loving God amid disproportionate evil.

104 **World Religions** **3 credits**

The study of non-Christian religions and their intrinsic merit. The exploration of a number of different religious traditions allows for a variety of topical presentations which are outlined below:

Variations

Introduction to World Religions
An introduction to the major religions of the world through a study of their origins, development, beliefs and scriptures. Awareness of the variety of religious experience.

Eastern Religions
Study of such topics as Yoga, Enlightenment, the Buddha, the Tao and the thoughts of Mao Tse-Tung. The religious questions asked by the cultures of India, China and Japan.

Islam
The faith and practice of the Islamic religion, including the role of the prophet Mohammed; the Koran; the Five Pillars of Islam; and Sunni, Shi'ite and Sufi Muslims. Strong historical and political emphasis, tracing the Islamic world from its rise, through its golden age, into the present.

Course Descriptions

Religious Studies (RLS)

132 Church History 3 credits
The study of the origin and development of aspects of the Christian Church. Consideration of a number of questions related to the history of the Church allows for a variety of topical presentations which are outlined below:

Variations

Religion in America
Emphasis on the role of religion in creating this nation and in forming its present national character. Forms and denominations of Protestant Christianity.

Origins of Christianity
The first four centuries of the Christian movement, from the time of Jesus through the time when Christianity became the official religion of the Roman Empire. The development of orthodoxy, Christian schools of thought including Gnosticism, Marcionism and the rise of Manicheism.

The Church
The nature, structure and dynamics of the Church with emphasis on the documents of Vatican II.

153 Selected Studies in Women and Religion 3 credits
Intensive study of a selected issue concerning the relationship of women and religion. Topics may include women in scripture, a history of women as ministers, etc.

213 Selected New Testament Topics 3 credits
In-depth study of a particular New Testament author or school, e.g. John and the Johannine School, Luke, Paul, the Pauline School, etc. Examination of attitudes toward Judaism and the Mosaic Law, the Gentile mission and Gentile Christianity. Theological structures, especially Christology and Ecclesiology.

224 Practicum in Christian Ministry 3 credits
Integration of pastoral practice and theological insight. Processes of theological reflection explored within the context of pastoral ministry. Theological study, pastoral field placement and evaluation.

228 Theology of Mary 3 credits
The role of Mary in the contemporary church from an historical, social and theological perspective.

240 Special Topics 1-3 credits
Topic may vary from semester to semester and will be announced with preregistration information and course hours.

280 Independent Study 1-3 credits
Special investigation of a selected topic.

413 Religious Studies Cooperative Education 3-12 credits
Academic study combined with work experience in the community.

Course Descriptions

Social Work (SWK)

103 Community Service — **3 credits**
Practical experience in helping people and the community; understanding human needs and assessing student potential for human services professions.
Lecture combined with 4 hours per week in community service.
Course open to all students.

232 Research Methods — **3 credits**
Appreciation of the scientific method as applied to the behavioral sciences and social work. The language of science, concepts, propositions, models, hypotheses and empirical laws. Analysis of concepts of the experimental, correlational and case study methods. Critical reading of research; introduction to research activities.
Prerequisite: Permission of instructor.

251 Introduction to Social Welfare — **3 credits**
Introduction to the field of social work and the social welfare system in the United States. Focuses on the historical and philosophical antecedents of present day social welfare programs and the development of social work as a profession.
Prerequisite: SOC 110 or permission of instructor.

252 Social Welfare Policies and Services — **3 credits**
A systems approach to the study and assessment of contemporary social welfare programs. Focuses on the interplay of social, political and economic forces that influence the planning and implementation of social welfare services.
Prerequisite: SWK 251 or permission of instructor.

352 Adaptive Behavior — **3 credits**
Integration of knowledge from sociology and psychology with social work and other helping professions. Environmental factors, systems theories and psychosocial development during the life cycle of the individual.
Prerequisite: Permission of instructor.

353/354 Social Work Methods and Processes I-II — **3 credits each**
Skills in social work intervention will be developed, including case work, group work, community organization, assessment, goals and methods of implementation of large and small group theory. Social worker's role as advocate and change agent.

356 Social Casework Practice — **3 credits**
Examination of social work delivery services in the one-to-one relationship. Emphasis on casework skills, case record writing and analysis, and creative problem solving based on behavioral science data and observed needs.
Prerequisite: SWK 353.

358 Counseling the Older Adult — **3 credits**
A social work practice course with emphasis on individual and group counseling techniques for older persons with emotional and social difficulties.
Prerequisites: Permission of instructor.

Course Descriptions

Social Work (SWK)

360 Special Topics in Social Work Practice 1-3 credits

361 Special Topics in Social Work Policy 1-3 credits
Content of these courses varies from semester to semester in keeping with student and faculty interest.
Prerequisite: Permission of instructor.

363 Child Welfare Services 3 credits
The history and current provision of services to children in need of care because of neglect, abuse or lack of family support.
Prerequisite: Permission of instructor.

365 Social Work with Groups
Group work as a method of affecting change in individuals. Group structure and processes; interventive techniques used by group workers. Experiential learning.
Prerequisite: SWK 353 and SWK 354, or permission of instructor.

371 Field Instruction I 3 credits
Students work in a community agency two days per week for one semester, under the supervision of an agency person and a member of the social work faculty. Students participate fully in agency activities.
Prerequisite: Permission of instructor.

375 Aging Policies and Programs 3 credits
Analysis of causes, intent and results of policy decisions as they are experienced as programs and services for the elderly. Discussion of policies affecting income, health care, social services and volunteerism.
Prerequisite: Permission of instructor.

385 Communication Skills: Interviewing and Recording Techniques 3 credits
Development of skills useful in working directly with clients and others. Listening for emotions, monitoring one's own reactions and responses, building a client/worker relationship that will foster constructive change in the client.
Prerequisite: Permission of instructor.

390/391 Seminar 3 credits each
Analysis of special areas of social work.
Prerequisite: Permission of instructor.

392 Child Abuse and Neglect 3 credits
A practice oriented course for students who intend to work in a protective service role. Abuse and neglect, causes, legal sanctions for intervention, treatment approaches, case planning and services.

395 Foster, Residential and Adoptive Care
Assessment, case planning and the provision of services in foster care, residential facilities and for child adoption.
Prerequisite: SWK 363 or permission of instructor.

413 Social Work Cooperative Education 3-12 credits
Academic study combined with work experience in the community.

Course Descriptions

Social Work (SWK)

473/474 Field Instruction Seminar — **0 credit**
Weekly seminar for students involved in field instruction; for duration of field placement. Integration of theoretical knowledge with practical field experiences. Student case materials and experiences discussed.
Corequisite: Field instruction course.

475/476 Field Instruction II-III — **3 credits each**
Two days a week for two semesters, senior social work students practice in a social service agency. Practice supervised by agency representative; education directed by social work faculty. Direct service to clients.
Prerequisite: Permission of instructor.

477 Field Instruction IV — **6 credits**
An alternative to SWK 475-476 in cases where block placements are more valuable. Senior social work students work full time in an agency for eight to ten weeks for one semester. Practice supervised by an agency representative; education directed by social work faculty member. Direct service to clients.
Prerequisite: Permission of instructor.

480 Independent Study — **1-3 credits**
Special investigation of a selected topic.

485 Special Topics — **1-3 credits**
Topic may vary from semester to semester and will be announced with preregistration information and course hours.

Course Descriptions

Sociology (SOC)

110 Anthropology — 3 credits
Basic principles of human cultural and physical evolutionary development. Emphasis on range and variability of human cultures through examination of selected African, Asiatic, Native American and Oceanic societies. Social change, social stratification, culture and personality, culture and language, ethnocentrism, cultural relativism and social control.
Prerequisite: Permission of instructor.

121 Principles of Sociology — 3 credits
Lecture/discussion format introduces students to the conceptual and methodological tools of scientific analysis of human interactions, social behaviors and social processes. Sociological perspective, empirical studies and theoretical viewpoints.

122 Social Problems — 3 credits
An analysis of the theory of social problems. Emphasis on the factors which cause social problems, particularly in the American culture.
Prerequisite: Permission of instructor.

221 Cultural Minorities — 3 credits
The major sub-cultures in the United States examined from theoretical and empirical viewpoints.
Prerequisite: SOC 110 or permission of instructor.

232 Research Methods — 3 credits
The scientific method as applied to the behavioral sciences and social work. Consideration of the language of science, concepts, propositions, hypotheses, models, theories and empirical laws. Analysis of concepts regarding the experimental, correlational and case study methods.
Prerequisite: Permission of instructor.

321 The Family — 3 credits
A study of the family as a social institution. A multiple disciplinary approach drawing from sociology, anthropology, psychology and economics. Family patterns of organization, disorganization and reorganization in contemporary America.
Prerequisite: SOC 110 or permission of instructor.

392/393 Seminar — 3 credits each
Analysis of special areas of sociology or anthropology.
Prerequisite: Permission of instructor.

413 Sociology Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

481/482 Independent Study — 1-3 credits each
Special investigation of a selected topic.

Course Descriptions

Special Education (SED)

231 Exceptional Children — 3 credits
Definitions of exceptional children, their characteristics, the methods used to identify their learning needs and the types of educational programs available. Topics include special education, mental retardation, learning disabilities, social and emotional disturbance, speech and language impairments, vision handicaps, hearing handicaps, physical handicaps and giftedness.

240 Characteristics of the Handicapped I — 4 credits
Study of exceptional children with mental retardation and physical handicaps. The causes and characteristics of intellectually and physically handicapping conditions; emphasis on physiological and psychological dimensions. Classification and diagnostic procedures. Field experience required.

241 Characteristics of the Handicapped II — 4 credits
Study of exceptional children with learning disabilities or social and emotional disturbances. The characteristics and causes of learning and behavioral problems. Classification, etiology and diagnostic procedures.
Field experience required.
Prerequisite: SED 240.

260 Classroom Management — 3 credits
Develops competencies related to effective classroom management, discipline techniques and motivational practices. Various theoretically based strategies discussed. Operant techniques emphasized.

340/341 Educational Strategies I-II — 4 credits each
Develops skills related to the diagnostic, prescriptive, instructional and evaluative roles of teachers of the mentally retarded, physically handicapped and multiply handicapped pre-academic child. 341 addresses learning disabled and socially and emotionally disturbed children. Basic instructional tools, procedures and strategies. Application of various teaching models.
Field experience required.

343 Diagnosis of Learning Problems — 3 credits
Information on the purposes/assumptions of evaluation, descriptive statistics, a survey of tests used in education and social services, and the basics of test construction.

372 Vocational Habilitation — 3 credits
Addresses the career education of handicapped students. Emphasis on secondary education and post-school alternatives. Community resources; preparation of handicapped adolescents for adult life.

413 Cooperative Education — 3-12 credits
Academic study combined with work experience in the community.

472 Issues in Special Education — 2 credits
Seminar for advanced students which permits integration of research, practical experience and theory. Awareness of contemporary issues associated with legislation, litigation, trends and movements within the field. Major paper required.

College Regulations

Admissions Requirements

College Misericordia encourages applications from those who seek a strong liberal arts base for their chosen baccalaureate education and who present evidence of the ability and desire to pursue an academic program of study.

Candidates for general admission to the College are reviewed on a rolling admissions basis by the Committee on Admissions. The decision to admit a student is based on the student's intended field of study and on an evaluation of the student's qualifications.

General Admission to the Freshman Class

An applicant for admission who wishes to enter the freshman class should provide the Admissions Office with the following:

1. Application for Admission with a nonrefundable $15 application fee.

2. Official copy of the secondary school transcript forwarded to the Dean of Admissions by the Guidance Department of the secondary school. The transcript should indicate that the candidate has completed, or is in the process of completing, at least sixteen (16) Carnegie Units. The transcript should include current semester courses and all pertinent information regarding the student's educational background. Students who have secured a High School Equivalency Diploma may also be considered for Admission.

3. Test results of the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the American College Testing (ACT) Program are generally required for admission. Waiving of test requirements is made only by written permission of the Dean of Admissions.

4. A written recommendation from the high school principal or guidance counselor is also a requirement for admission to College Misericordia.

Admission to the Music Program

A student must first be accepted into the College by the Admissions Office prior to being admitted to a Music degree program. Admission to the Music department is contingent upon a successful audition. A theory test is also given at the time of audition.

Students may audition vocally or with an instrument, and must demonstrate adequate proficiency and potential. The audition consists of scales and a suitable technical exercise. Students who are not keyboard majors are strongly encouraged to develop a degree of proficiency in piano.

Admission to the Nursing Program

Students who wish to be considered for Nursing must submit the results of their SAT or ACT tests to College Misericordia, and must have completed at least one year of both chemistry and biology in high school, achieving at least a grade of "C" in each course. Factors to be weighed in determining acceptance into the nursing program include:

1. SAT or ACT test scores.

2. High school science and mathematics grades.

3. High school class rank.

Transfer students seeking admission to Nursing are required to have a personal interview with the chairman of the Division of Nursing.

College Regulations

Admissions Requirements

Admission to the Occupational Therapy Program

Students admitted to the Pre-Occupational Therapy program (first year of study) must meet the general admission requirements of College Misericordia. Applicants should demonstrate a solid background in high school math and science including at least one year of biology with a grade of "C" or better. Although not required, students are urged to meet with the Occupational Therapy program faculty to discuss the major in detail. Admission to the Pre-Occupational Therapy program does not guarantee advancement into the professional program in occupational therapy.

Students transferring into the program must meet specific pre-OT requirements in addition to the requirements for general admission. Priority consideration for advancement into the professional program in Occupational Therapy will be given to matriculated pre-OT students at College Misericordia. Transfers will be considered for advanced standing only if they meet the specific pre-OT requirements and only if space is available. Transfers may, however, apply for Pre-Occupational Therapy status with the understanding that a four-year sequence is required to complete the program.

Transfers must demonstrate a minimum 2.5 GPA in all college work attempted. No grade below "C" will be accepted for transfer. Transfers are urged to consult with the Occupational Therapy program director to discuss career options in the field.

Admission to the Radiologic Technology Program

A candidate who wishes to be considered for the Radiologic Technology program must meet the College's general admissions requirements and must sit for the Entrance Examination for Schools of Radiologic Technology (EESRT). In addition, interviews should be arranged with the program director and the Committee on Admissions.

Students who wish to transfer to College Misericordia in the Radiologic Technology program must have a cumulative GPA of 2.0 at minimum. These students are required to arrange interviews with the program director and with the technologist in charge at an affiliating hospital.

Students may continue their education toward a Bachelor of Science degree in Radiologic Technology after completing the Associate degree requirement. Students may also initially apply for admission into the Bachelor of Science program in Radiologic Technology.

Admission of Transfer Students

Students who wish to transfer to College Misericordia from other accredited four-year colleges or universities, or two-year junior or community colleges, will be considered for admission if they have maintained a cumulative GPA or 2.0 or better (based on a 4.0 system). Candidates who meet the GPA requirement for general admission and who seek advanced standing for previous college work must provide the Dean of Admissions with the following:

1. Application for Admission with a non-refundable $15 application fee.
2. Official copy of secondary school transcript.
3. Two (2) official transcripts from each college previously attended where credit has been earned.
4. Statement of honorable dismissal from the college previously attended.

College Regulations

Admissions Requirements

5. Copy of a current catalog, indicating courses taken, from the institution previously attended.

Admission of transfer students is based primarily on the applicant's academic performance at the institution attended previously. Transfer credit will be awarded for those courses that are equivalent to courses offered at College Misericordia. Normally, only grades of "C" or better will be accepted for transfer credit. The registrar, however, reserves the right to award or withhold credit.

Grades earned at other institutions are not included in the student's GPA at College Misericordia.

Transfer students are encouraged to arrange an interview with an admissions counselor to review academic status and proposed curriculum.

Transferring from Two-Year Institutions

Students who hold associate degrees in either arts or sciences may be admitted to a special program leading to a baccalaureate degree at College Misericordia (associate degrees in applied arts or sciences are evaluated on a course by course basis). Under the special program, transfer students take a minimum of 56 credit hours at College Misericordia. These credits are to include six credits in religious studies and six in philosophy if students have not already earned these credits as part of their associate degree program (see General Studies).

Students must also complete the requirements for an academic major and earn a total of 128 credit hours, including the credits earned for the associate degree. Please note that some majors involve extensive coursework and require more than the minimum of 56 credits.

Students transferring from two-year institutions who do not hold associate degrees may transfer up to 70 credits. These students must earn the credits required for the core curriculum and the academic major, to complete the degree requirement of 128 hours.

Transferring from Four-Year Institutions

Students who transfer from four-year colleges must complete a minimum of 32 credits at College Misericordia to be eligible to receive a degree.

Admissions Procedures

Upon receipt of the Application for Admission, the secondary school record/transcript, post-secondary transcripts (if applicable), and the guidance or transfer counselor recommendation, the Committee on Admissions reviews the applicant's portfolio and notifies a candidate by mail of the admission decision usually within three or four weeks.

Because of the limited number of students admitted each year to most programs of study, reservation deposits will be accepted only while space is available. Normally, reservation deposits should be made within six weeks of notification of acceptance. Deadline extensions may be granted only with the written consent of the Dean of Admissions.

Incoming students who wish to enroll at College Misericordia for either the fall or spring term must submit a reservation deposit of $100 if they want to reside on campus. A $50 reservation deposit is required for incoming students who plan to commute. This deposit will not be refunded if the student withdraws.

Personal interviews are not required. However, applicants are strongly encouraged to arrange for a personal interview and a tour of the campus.

College Regulations

Admissions Requirements

Early Decision

Students for whom College Misericordia is the only choice for admission may apply for early decision. These applicants must have exhibited exceptional academic achievement through the junior year in high school. Applications must be submitted after May 15 of the junior year and before September 1 of the senior year.

Admission to College Misericordia does not commit the student to attending, but affords the early decision applicant the opportunity to know his or her admission status early in the fall of senior year. Early decision candidates must also adhere to the reservation deposit deadline.

Early Admission

Students who have completed their junior year in high school with an outstanding record of achievement may apply for early admission to College Misericordia. Candidates for early admission must meet the requirements for the program as set forth by the Academic Policies Committee. The applicant's grade point average and SAT results are among the major considerations.

Advanced Placement

Students who have followed the College Entrance Examination Board college-level program in secondary school, and have scored 3 or higher on selected Advanced Placement examinations, may be granted academic credit at College Misericordia. Decisions concerning Advanced Placement credit are made by the registrar and the Division Chairmen.

College Level Examination Program (CLEP)

Matriculating students may earn up to thirty (30) credits in any degree program through CLEP. All thirty credits may be earned through CLEP subject examinations, or fifteen (15) of the thirty may be earned by taking CLEP general examinations. A minimum score of 50 is required in any of the subject examinations, and a minimum score of 500 in the general examinations is required to obtain credit.

Subject examinations may be taken only in those subjects which correspond to courses described in the catalog or which are part of the cooperative program with King's College, Wilkes-Barre.

Institutional Testing Requirement

All freshman students admitted to the College are required to take a series of tests in basic skills areas before they may register for classes. These tests are administered on selected Saturdays through the spring and summer.

Students who demonstrate a deficiency in one or more area are required to take a developmental education course in the area corresponding to the deficiency. Students who achieve superior scores are candidates for admission to the College Honors Program, advanced placement, or both.

Readmission

Students who have previously attended College Misericordia and have withdrawn for personal reasons may be considered candidates for readmission. It is not necessary for the student to reapply, but a letter should be sent to the Dean of Admissions indicating the reason(s) why the student withdrew and wishes to return to the College. If the student was dismissed for academic reasons the matter will be referred to the Academic Dean for final decision. In the case of disciplinary dismissal, the matter will be referred to the Dean of Students.

A student dismissed for academic reasons may reapply after one year. The student will be admitted for one semester, pending an evaluation of the semester's work by the Academic Status Committee. If at the end of the semester the student fails to attain a 2.0 cumulative grade point average, he or she will be asked to withdraw permanently.

College Regulations

Academic Requirements

Academic Advising

Each student is assigned an academic advisor within the student's major department. Students undecided about their major will be assigned special advisors.

Academic advisors are the students' liaison with other college offices. Advisors should be consulted often for guidance and advice. In addition to lending academic guidance, advisors can provide information on where to obtain and how to complete necessary forms pertaining to academics.

Advisors must sign all academic paperwork including course registration, drop/add forms, withdrawal from course forms, off-campus permission forms, etc. Advisors meet with students individually for pre-registration consultation each semester.

Faculty members post their office hours to assist students in making appointments. Academic advisement is coordinated through the office of the Academic Dean.

Academic Grievance Procedure

The College provides a uniform method by which students can pursue grievable issues. Grievable issues are complaints about the institution's academic policies or lack of them, its prescribed procedures for carrying out its policies, its administration of matters related to instructional practices, or any combination of the above.

A student who has a grievance should attempt to resolve it on an informal basis by using the following procedures:

1. The student should first speak to the person with whom the complaint rests.

2. If the matter is not satisfactorily resolved at that level, the student should proceed to the chairman of the division to discuss the issue.

3. If the matter is not resolved at that level, the student should proceed to the office of the Academic Dean where a formal grievance may be filed.

Formal Grievance Procedure

The student shall inform the Academic Dean in writing of his or her intent to seek formal redress through the grievance procedure, indicating the nature of the complaint.

Within fourteen (14) calendar days of receipt of the written complaint, the Academic Dean will convene the Academic Grievance Committee and provide the chairman of the committee with the student's statement of the complaint.

The Academic Grievance Committee is composed of one administrator and one faculty member appointed by the Academic Dean, and the academic affairs coordinator of Student Government.

At least seven (7) days in advance of the hearing, the chairman of the committee will notify the student, and the individual charged with the complaint, of:

1. The time and place of the hearing.

2. Specification and nature of the complaint.

3. The composition of the committee.

College Regulations

Academic Requirements

4. The right of the individual charged to be present when charges and evidence are presented to the committee, to question evidence and to give evidence on his or her behalf.

At any hearing, committee members may question witnesses to evaluate all the relevant facts of a given case. All committee meetings shall be private; witnesses shall be excluded except for the period of their questioning.

The report and recommendation of the committee shall be in writing, including the committee's rationale for the decision and including any dissenting opinion. Only those committee members who have heard all testimony and evidence in a given case may vote on the committee's recommendation.

The committee's report and recommendation shall be forwarded to the Academic Dean within ten (10) calendar days of the hearing and copies shall be provided to all parties to the complaint.

The Academic Dean will make final determination and formally advise the parties involved.

Academic Honors

The Dean's List is issued at the close of each semester in recognition of students who have completed a minimum of 12 credit hours and have earned a grade point average of 3.55 (on a 4.0 system) for the semester.

Graduation Honors are awarded as follows:

HONOR	GRADE POINT AVERAGE AT GRADUATION
Summa Cum Laude	3.80 or better
Magna Cum Laude	3.60 or better
Cum Laude	3.40 or better

Other honors are awarded for high quality scholarship through the departmental honors program and by election to membership in honor societies.

Academic Integrity

Any form of cheating, plagiarism or dishonesty is a fundamental violation of the nature and purposes of College Misericordia. Thus, students should be aware of their responsibilities in upholding the spirit of honesty.

Plagiarism and other forms of cheating will not be tolerated and will result in a loss of academic credit.

In general, students should know that not all their ideas, data, or words are expected to be entirely original; however, when borrowing from others, the appropriate forms of attribution must be used. Scholarly "borrowing" is encouraged, not censored; to ignore totally the accumulated knowledge of those committed to understanding the world would itself be a violation of the precepts of the college and of higher education. Unacknowledged borrowing, however, cannot be tolerated.

College Regulations

Academic Requirements

The following are among the forms of dishonesty for which sanctions may be given:

1. Use of books, notes, or other materials during an examination, unless expressly permitted.
2. Copying others' work or unauthorized cooperation in doing assignments or during an examination.
3. Use of purchased essays, term papers, or preparatory research for such papers.
4. Submission of work originally done by someone else.
5. Submission of the same written work in more than one course without the prior written approval from the instructor(s) involved.
6. Borrowing from published works, whether material is taken verbatim or with minor alterations, without proper and/or sufficient acknowledgement.
7. Dishonesty in requests for either extensions on papers or makeup examinations.
8. Misrepresentation in statements concerning work submitted.
9. Falsification or fabrication of experimental data or results.

The primary responsibility for maintaining standards of personal integrity and honor in academic activities rests with the individual student. Any student who violates these standards is subject to disciplinary action which may include dismissal.

Academic Standing

Students who have attempted between 12 and 23 credits will be placed on probation if their cumulative grade point average is below 1.50. Those who have attempted between 24 and 37 credits will be placed on probation if their cumulative grade point average is below 1.75; and students who have attempted 38 or more credits will be placed on probation if their cumulative grade point average is below 2.0.

Students are advised to confer with their division, for some divisions require specific averages in some majors.

All transfer students are expected to have a 2.0 grade point average to be admitted to the College. Transfer applicants with lower than a 2.0 will be admitted only with the approval of the Academic Dean.

A student on academic probation for two consecutive semesters is subject to suspension or dismissal from the College.

A cumulative index of lower than 1.0 at the end of the freshman year will bring automatic dismissal.

College Regulations

Academic Requirements

Once academically dismissed, a student may not matriculate at the College for one full year. Then, a student will be readmitted only if his or her grade point average has risen to a 2.0. A student's grade point average may be improved by attending classes on a non-matriculating/part time basis.

Readmittance to the College does not necessarily imply readmittance to a major program. After being readmitted, the student must maintain a cumulative grade point average of 2.0 or will be permanently dismissed.

Cancellation of Classes

Individual class cancellations are posted by the Academic Dean as they are reported.

Day Classes

If classes are to be cancelled, or the College is to be closed because of weather conditions, the decision will be made by 6:00 a.m. and relayed promptly to local radio stations.

Evening Classes

Announcements regarding the cancellation of evening classes offered through the Department of Continuing Education will be made by 4:00 p.m. and will be reported to local radio stations.

Weekend College

The cancellation of Weekend College classes will be made on a day-to-day basis, and will be reported to local radio stations after 4:00 p.m. for Friday evening classes, and after 6:00 a.m. for Saturday and Sunday classes.

Change of Academic Major

Students who wish to change from one academic discipline to another will consult with their assigned academic advisor. Division approval must be secured by appropriate division chairmen.

Change of major forms may be obtained in the office of the Academic Dean.

Change of Name/Address

Notice of a change in name or address must be given in writing to the office of the Academic Dean. It will then be appropriately processed throughout the College.

Change of Status

Students who wish to change from full to part time status are requested to inform the Academic Dean. Students are then referred to the Continuing Education Department for registration information.

Students who want to change from part time to full time status much address a letter to the Dean of Admissions, stating their intentions.

Class Attendance

Students are expected to be present at each scheduled class in which they are registered.

Faculty members keep accurate attendance records and notify the appropriate offices when students do not regularly attend classes.

Students who are absent for reasons of illness, death in the family or because of accidents should personally inform each of their instructors of their absence. When specially requested, the Academic Dean will notify instructors of absences of one week or longer. Students absent for legitimate reasons will be given the opportunity to make up assignments, but should do so as soon as possible after returning to classes.

College Regulations

Academic Requirements

Classification of Students

In order to be classified as a sophomore, a student must have successfully completed 30 semester hours of work. To be considered a junior, 60 semester hours must have successfully been completed; senior, 90 semester hours.

Continuing Education

College Misericordia offers a variety of educational options for part time students and for those who do not go to college right after high school.

The continuing education department is sensitive to the special needs of students with families, full time jobs, or both. Evening classes are held every semester and during the summer. Many students find weekend classes convenient (see **Weekend College**). Child care services are available for students with young children.

All of the College's academic and student services and facilities are open to continuing education students. Similarly, such students must comply with the College regulations which pertain to all students, with one exception: incoming part time students do not have to pay a reservation deposit.

For individuals interested in professional and personal development, the department offers non-credit programs, including classes and workshops for children.

Developmental Education

College Misericordia's academic support system includes a developmental education program for students with skill deficiencies.

The developmental program provides courses in reading, study skills, writing and mathematics. Students are required to take these courses as a result of their freshman test scores. The courses do not provide credits toward graduation.

Directed Study

When a student needs to take a specific College course in a given semester but it is not part of the course offerings in that semester, the student may contract to do a directed study.

Permission for directed studies must come from the Academic dean; directed study contract forms may be obtained from the registrar.

Students should apply for directed study only in exceptional situations.

College Regulations

Academic Requirements

Grading System and Honor Points

The honor point index is an average computed by dividing honor points earned by attempted credits. Any course failed and not repeated, even if a student changes to a major which does not require the course, will be charged as attempted credits through to the final calculation of a student's honor point index. A minimum of two honor points in major courses is required to graduate.

GRADES		HONOR POINTS PER CREDIT HOUR
A	96-100	4
B+	91-95	3.5
B	86-90	3
C+	81-85	2.5
C	76-80	2
D	70-75	1
F	below 70	0
I	Incomplete	0*
WP	Withdraw Passing	0
WF	Withdraw Failing	0†
NG	No Grade	0
AU	Audit	0
W	Withdrew	0
P	Pass	0
IP	In Progress	0

**Incomplete*
It is the responsibility of the student to contract in writing with the instructor for a grade of "Incomplete." A contract fee is charged. Incomplete contract forms may be obtained from the registrar and must be submitted before final exam period.
†Equivalent to a failure; computed as an "F."

Graduation Requirements

To obtain a baccalaureate degree a student must do the following:

1. Pass a minimum of 128 credits with a cumulative grade point average of 2.0 (C) or better;
2. Complete a major consisting of at least 30 credit hours;
3. Complete the 51 credit core curriculum requirements.

College Regulations

Academic Requirements

Honors Program

The Honors Program at College Misericordia consists of two components: College Honors and Degree Honors. The first level of the program, College Honors, is the general honors program open to qualified students chosen for the program. Degree Honors, the second level of the Honors Program, involves study within a participating major or discipline. In order to take part in the Degree Honors program, a student must complete the College Honors program. Students who complete College Honors are not required to complete the Degree Honors component.

College Honors

The College Honors program is a college-wide program which involves a course sequence supplemented by other activities, and advisement. The College Honors course sequence entails the Honors Colloquia and an Honors Thesis. The Honors Colloquia fulfills the College's core requirements.

College Honors Course Sequence

Freshman Honors Colloquia Honors sections of History of Western Civilization I and II	6 credits
Sophomore Honors Colloquia Honors sections of Western World Literature I and II	6 credits
Junior Honors Colloquia Honors sections of Philosophy of Religion and World Religions	6 credits

The above colloquia fulfill these core requirements:
History—6 credits; Literature—6 credits; Philosophy—3 credits; Religious Studies—3 credits.

The Honors Thesis does not fulfill a core requirement but may be taken as a free elective.

Degree Honors

In order to take the second level of the Honors Program, Degree Honors, a student must be enrolled in the College Honors program and must be majoring in a discipline which participates in the Degree Honors program. The student must take three courses with honors requirements in their major field and write the Honors Thesis on a topic related to the major.

Suggested Combined College and Degree Honors Course Sequence

First Year	
Freshman Colloquia	6 credits
Second Year	
Sophomore Colloquia	6 credits
Major course with honors requirements	3 credits
Third Year	
Junior Colloquia	6 credits
Major course with honors requirements	3 credits
Fourth Year	
Honors Thesis on a topic relate to academic major	3 credits
Major course with honors requirements	3 credits

College Regulations

Academic Requirements

Independent Study

Independent study is the special investigation of a selected topic, or it may be undertaken by an advanced student whose academic requirements cannot be met by regular catalog offerings. Independent study may not be taken simply to accrue existing course credits.

To apply for independent study one must define the topic or issue to be pursued, and obtain permission from the faculty member who will sponsor the study, from the chairman of the division and the Academic Dean.

The faculty sponsor(s) will be involved in planning and evaluating the project only; the student should be capable of independent work.

Independent study is not governed by the academic calendar. A project may be started and ended at any point during the semester. Students should register for independent study in the registrar's office at the beginning of the semester during which the study will be completed.

Independent study application forms may be obtained from the registrar.

Leave of Absence

Students who seek a leave of absence from the College should submit a letter to the Academic Dean stating the reasons for the request and the length of the leave, if known. The Dean will review the student's records and will reply in writing. A copy of the reply will be placed in the student's permanent file.

To return to the College, the student must submit a written request to the Dean of Admissions, stating the reason(s) for the leave and the desired time of return. This request should be made at least six weeks before the start of classes in which the student wishes to enroll.

Students who plan to study abroad should request a leave of absence from the Academic Dean and indicate when they will return to the College.

Pre-Registration

Full Time and Matriculating Part Time Students

At the end of each semester, students sign up for the classes they want to take during the next semester. This process is handled by the student and the registrar. Registration takes place when students submit payment for tuition and fees to the comptroller.

Class pre-registration forms must be completed by the student and signed by the student's advisor before pre-registration. A deposit of $75 is required when a student pre-registers. The deposit is non-refundable and will be credited to the tuition bill.

Students who wish to take more than 18 credits in one semester must seek permission from the Academic Dean prior to pre-registration. Students must pay an additional per credit charge for every credit taken over 18 (see **Tuition and Fees**).

College Regulations

Academic Requirements

Non-Matriculating Students

Non-Matriculating students must register for classes in the office of Continuing Education. Tuition must be paid at the time of registration unless other arrangements have been made.

Late Pre-Registration

Matriculating students are assigned specific days on which to pre-register for classes each semester. If a student misses the assigned period, a $25 fee is charged, payable in the comptroller's office when the student pre-registers.

Second Degree

Students who wish to obtain a second baccalaureate degree must complete all the requirements for the second major and accumulate a minimum total of 160 credits, 60 of which must be completed at College Misericordia.

Those pursuing a second degree must be officially accepted into the second major program area by the division which offers the major.

Withdrawal from Courses and Drop/Add Policy

Students may withdraw from classes until the date specified on the current academic calendar as the last day to withdraw from classes.

The first week of classes is the drop/add period, during which time schedule changes may be made with the registrar. Drop/add forms are available in the registrar's office. A $5 fee is charged for each drop/add form processed.

A grade of "F" will be assigned to any student who drops a course without the Academic Dean's permission.

Weekend College

The McAuley Weekend College is a special educational model for adult learners. One weekend out of three students attend classes and earn credit toward an associate's or bachelor's degree. The program emphasizes independent, self motivated study.

College Regulations

Special Programs

Act 101 Program

Funded by the Commonwealth of Pennsylvania, the Act 101 program helps qualified Pennsylvania resident students overcome financial problems, educational difficulties, or both.

Services provided by the Act 101 program address academic, social and emotional needs of participating students. The program provides direction in interpersonal communication, personal growth, creative problem solving, test taking, reading and study skills.

A pre-college summer program teaches incoming students the skills they need for academic success. During the school year, counseling and tutorial services are ongoing.

Alternative Learners Program

Students who are learning disabled, sensory impaired or physically handicapped can receive special educational services from trained special educators. Information about the Alternative Learners Program is available from the chairman of the Division of Education.

Air Force and Army ROTC

Through cooperative programs with Wilkes College and the University of Scranton, College Misericordia students can take part in Air Force and Army Reserve Officers' Training Corps.

The Air Force ROTC program is based at Wilkes; the University of Scranton administers the Army ROTC program. Students who participate in ROTC at these institutions do so without penalty to their full time academic status at College Misericordia. Free elective credits are awarded by the College for ROTC participation.

Tuition for ROTC courses is paid directly to the institutions offering the programs. More information about ROTC may be obtained from the registrar.

Center for Professional Development

College Misericordia's Center for Professional Development provides training and consultation to individuals and groups in the human services field. Training programs are conducted on campus or they can be delivered on site for special groups.

The Center has conducted staff development programs for senior citizens' centers, nursing homes, hospitals and a number of social services agencies.

Cooperative Education

The cooperative education program integrates academic study with work experience in the community. Students may earn academic credit for full or part time work assignments related to their educational interests. The job assignments are supervised by College faculty. Students pay tuition for the credits they earn in field experiences and earn salaries which vary with each work assignment.

Cooperative education enables students to explore career opportunities and prepares them for entry into the job market. By means of cooperative education, students experience personal growth, develop independent learning skills and enjoy a broad based education.

College Regulations

Special Programs

Cooperative Program with King's College

Students at College Misericordia may register for courses at King's College in Wilkes-Barre, if those courses are not part of Misericordia's curricula. The program is reciprocal.

Full time students in good academic standing who meet specific course prerequisites are eligible. Ordinarily, cross registration is available only to juniors and seniors who have received permission from their major department to participate in the program. Cross registered courses are considered part of a student's regular course load; no additional tuition fees are charged and courses carry full academic credit and grade value.

Foreign Study

Students may earn credit toward a College Misericordia degree through study at recognized educational institutions abroad. Students should consult with their advisor and program director about foreign study, and must obtain permission from the Academic Dean.

Senior Citizen Benefits

Any person 60 years of age or older may take any credit course at College Misericordia without paying tuition, provided class space is available.

Senior citizen students must be retired or working less than half-time. Federal or State grant applications must be filed if a student seeks a degree and is registered for six or more credits.

The only charges for senior citizens are a $10 processing fee, the College's general $1 per credit fee, and any special course fees.

Veterans

College Misericordia welcomes the opportunity to provide education to veterans of the armed services. Veterans eligible for V.A. benefits should request the registrar to submit the necessary enrollment forms directly to the Veterans Administration.

College Regulations

Tuition and Fees

Tuition and Fees

The following charges cover one academic semester. Because of the effects of inflation and resultant increasing costs, fees usually rise annually. It is anticipated that College costs will continue to increase so that the quality of Misericordia's educational programs may be maintained.

All tuition charges, with the exception of financial aid award amounts, are to be paid in full at the beginning of each term unless special arrangements are made with the comptroller. Interest is charged on unpaid balances.

Please note that some academic departments may charge fees or require deposits not specified in these listings.

Expenses per semester

Tuition

	1983-84	*1984-85*
Full time students		
Regular tuition	$1850	$1975
Tuition for majors in medical technology, music, nursing, occupational therapy, radiologic technology	$1950	$2125
Part time students		
Regular tuition	$ 94/credit	$ 100/credit
Tuition for majors in medical technology, music, nursing, occupational therapy, radiologic technology	$ 94/credit	$ 108/credit

Full time students who wish to take more than 18 credits will be charged for additional credits at $94/credit, or $99/credit for courses in medical technology, music, nursing, occupational therapy and radiologic technology ($100/credit or $108/credit in 1984-85).

Medical technology majors will be charged $500 per semester in lieu of tuition during the semesters spent in hospital practicum. Those students are also assessed a general fee.

General Fee

Full time students	$ 60	Same
Part time students	$ 1/credit	Same

The general fee includes student center fee, class dues, athletic association, student publications, student services and student government.

Room and Board

Regular campus housing and board plan	$1125	$1225
Private room	$ 150	Same
College off campus houses	$ 600	Same

College Regulations

Tuition and Fees

Special Fees, Deposits and Expenses

	1983-84	*1984-85*
Advance Registration Deposit	$ 75	Same
Advance Registration Deposit	$ 75	Same
Challenge Examinations	$ 25/each	Same
Fee charged for processing challenge examinations which fulfill requirements of the nursing core. Fee charged for each course. The student who passes the challenge examination will pay one-half of the charges for credits received for that course. Fee assessment will be applied to the cost of the credits earned. The fee is forfeited if the student does not pass the examination.		
Change of Incomplete Grade Fee	$ 5	Same
Course Fees	Variable	Same
Amounts vary from course to course. Consult comptroller for current fee assessment.		
Freshman Orientation Fee	$ 45	Same
Graduation Fee	$ 50	Same
A one-time charge to first semester seniors and AAS candidates only.		
Late Registration Fee	$ 25	Same
Liability Insurance	$ 13	Same
For students enrolled in clinical experience.		
Music Major Fee	$ 150	Same
Includes private music lessons, rental of instruments and practice facilities.		
Nursing Assessment Fee	$ 35	Same
For first semester nursing seniors only.		
Occupational Therapy Major Fee	$ 50	Same
Parking Fines	$ 5	Same
Parking Permit	$ 5	Same
Private Music Lessons	$ 175	Same
For non-music majors who wish to study music privately.		
Room deposit (upper classmen only—room deposit is payable by April 15 and is applied to room charges)	$ 75	Same
Room damage fee (one time only; refundable)	$ 75	Same
Student I.D.	$ 1.25	Same
Student Insurance Fee	Variable annually	Same
Every student must be covered by an insurance plan. The College participates in the Blue Cross/Blue Shield Plan. Evidence of other plan coverage must be shown.		
Transcript Fee	$ 2	Same

College Regulations

Tuition and Fees

Auditing

Students may audit courses at one-half tuition cost based on full or part time credit charges. No credit is awarded for audited courses. Auditors are admitted to courses as space is available. Matriculating students who wish to audit a course must seek permission from the registrar.

Deferred Payment Plan for Part Time Students

College Misericordia provides an option for students or parents to pay tuition, fees and other charges on a deferred payment plan. The plan permits educational costs to be spread over a period of time. The requirements of the plan are as follows:

Only part time students are eligible.

A down payment of twenty (20) percent of the total semester charges is required.

Deferments are limited to one semester; the unpaid balance must be paid before final examinations that semester. Failure to pay charges in full before final exams may result in loss of credit for the semester.

At the close of each month, the unpaid balance will be charged a one (1) percent finance charge.

Students who fail to meet these requirements will not be eligible for deferred payments in the future.

Only the comptroller may grant deferred payment plans, and only at the request of the director of continuing education.

Participants in the plan must sign and receive a copy of the deferred payment plan.

Tuition Payment Plan for Full Time Students

Full time students may arrange to pay all or part of their college costs in monthly installments. A $40 annual fee is charged to cover the processing of payments. Students must be enrolled in the installment plan prior to the start of the academic year. The plan is managed by Academic Management Services, Inc., Pawtucket, Rhode Island.

Interest Waived Policy

It is a College policy that any outstanding balances will be charged a one percent finance charge at the close of every month. This policy is waived for the following students:

Students enrolled in the Academic Management Services program (see **Tuition Payment Plan for Full Time Students**).

Students with loans pending who have received a waiver from the financial aid office.

Students who receive rehabilitation benefits or Veterans' Education benefits.

College Regulations

Financial Assistance

Financial Assistance

It is College Misericordia's philosophy that students of ability should have the opportunity to attend the college of their choice regardless of family income. For sixty years, College Misericordia has helped students and parents afford a superior college education.

The College participates in a number of financial aid programs. These programs generate funds from Federal, State and College resources. Additional financial aid monies are contributed by alumni and friends of the College. The financial aid office packages aid from a combination of sources to meet, as fully as possible, the student's indicated need.

Misericordia is designated as an eligible institution by the Pennsylvania Higher Education Assistance Agency (PHEAA), which allows qualified students to participate in the State Grant Program and the Guaranteed Student Loan Program.

The College is also designated as an eligible institution by the Department of Education, permitting students to take advantage of the Federal Pell Grant Program and the Federal campus based programs, including Supplemental Educational Opportunity Grants, National Direct Student Loans and the Federal Work Study Program.

The College also participates in the Nursing Loan Program under the auspices of the Department of Health and Human Services.

Three types of financial assistance are available:

Scholarships/Grants: Gift aid given directly to the student based on financial need or some area of achievement, such as musical ability, academic record, etc. The student does not repay this type of award.

Loans: Monies given to students to meet educational expenses, but for which students and/or their families assume repayment responsibilities, usually after withdrawal or graduation from school. Interest is charged on loans; interest charges vary with different loan programs.

Work-Study: Employment which allows students to earn a portion of the money needed to meet educational expenses.

Inquiries regarding all financial aid programs should be directed to the financial aid office.

Application Procedures

All students who wish to be considered for financial assistance must file a College Misericordia **Application for Financial Assistance.**

New students should fill out and submit the application for financial assistance which is attached to the admissions application. Before an application may be considered, a student must first be admitted to the College, and other necessary financial information must be on file in the financial aid office (see **Pennsylvania Residents** and **Out of State Residents**, below). All aid for which a student wishes to be considered should be indicated on the application. The application is then returned to the financial aid office.

Returning students obtain a College Misericordia **Application for Financial Assistance** from the financial aid office. Before an application may be considered, a student must be pre-registered for classes in the academic year

College Regulations

Financial Assistance

for which the aid is requested, and other necessary financial aid information must be on file in the financial aid office (see **Pennsylvania Residents** and **Out of State Residents**, below). All aid for which a student wishes to be considered should be indicated on the application. The application is then returned to the financial aid office.

Pennsylvania Residents

All Pennsylvania residents must file the College's **Application for Financial Assistance**. In addition, Pennsylvania residents must file the PHEAA/Federal Student Aid composite form with the State higher education agency. This form determines eligibility for Federal Pell Grant, PHEAA State Grant and College administered need-based aid programs, including National Direct Student Loans, Supplemental Educational Opportunity Grants, Nursing Loans and Work-Study.

The PHEAA/Federal Student Aid composite form should be filed as soon as possible after January 1, but no later than May 1, prior to the academic year for which assistance is requested.

Out of State Residents

All out of state residents must file the College's **Application for Financial Assistance**. In addition, out of state residents are required to file for a Pell Grant. Students should also check with their high school or state agency to determine if they are eligible for a grant from their state of residence.

Effective for the 1984-1985 academic year, all students who wish to apply for College administered need-based programs (National Direct Student Loans, Supplemental Educational Opportunity Grants, Nursing Loans, Work-Study) must file the PHEAA/Federal Student Aid form **regardless of state of residence.**

Although out of state residents are not eligible for Pennsylvania State Grants, the information obtained from the PHEAA/Federal Student Aid form will be used by the financial aid office to determine eligibility for various campus-based programs.

Deadlines

The College Misericordia Application for Financial Assistance should be submitted to the College by:

March 1 for incoming freshmen and transfer students;

April 1 for returning upperclassmen.

Applications and financial aid forms will be accepted later than these dates, but no assurances can be made that funds will be available for late applicants. For Pell Grants and State Grants, students should adhere to the deadlines indicated on the forms from those agencies.

Additional Requirements and Rights

Once all the required information is received by the College, and the student's enrollment status can be verified according to the application procedures outlined above, the financial aid office will determine the student's financial aid in accordance with school policy. The student will be notified in writing of the results immediately thereafter.

Financial aid is awarded for one academic year at a time. Aid is renewed for subsequent years:

If the student annually requests assistance by completing all appropriate forms described above.

College Regulations

Financial Assistance

If the student's financial need continues. Aid will be adjusted according to need.

If the student exhibits satisfactory academic progress toward a degree as defined in the Financial Aid handbook, available from the financial aid office.

Aid from outside sources must be reported to the financial aid office. Such outside assistance may alter the amount of aid originally awarded by the College.

Aid will vary according to enrollment status (full or part time). Students must inform the financial aid office of any status changes once their aid is packaged. Students may request an appointment with the financial aid office to review the information which determines their aid for the year, and the amount of their financial aid package.

Students have the right to request that their aid be re-evaluated if conditions arise which change their ability to meet the expense of their education. The Financial Aid Handbook, available in the financial aid office, provides more information.

Sources of financial assistance are described below. More information may be obtained from the financial aid office.

College Regulations

Financial Aid Programs

Pell Grant

This Federal program provides grants which currently range from $200 to $1,800, depending on financial need and educational costs. Eligible students may receive this grant for the amount of time needed to complete the first undergraduate degree, provided satisfactory academic progress is maintained. Application is made by completing the PHEAA/Federal Student Aid form or CSS Financial Aid Form. All students who seek financial aid from College Misericordia must apply for this grant.

Supplemental Educational Opportunity Grant

This Federal program is available to undergraduate students with demonstrated financial need. Awards range from $200 to $2,000 yearly depending on need, available funds and other aid received by the student. Students may receive Supplemental Grants during the period required to complete the first undergraduate degree, provided satisfactory academic progress is maintained. Students are notified of grant awards by a letter from the College.

PHEAA Grant

The PHEAA Grant is a Pennsylvania State scholarship. All Pennsylvania resident, full time students are expected to apply for the PHEAA Grant. Awards vary from $100 to $1,500 per academic year. Eligibility and grant amount are determined by the Pennsylvania Higher Education Assistance Agency (PHEAA). Students apply directly to PHEAA for this grant by completing a PHEAA/Federal Student Aid form. The deadline for application is usually May 1 prior to the start of the academic year for which the aid is requested.

Other State Scholarships and Grants

Many states provide grants to their residents which can be used at colleges in other states. These states are Maryland, Ohio, Rhode Island, Connecticut, Massachusetts and West Virginia. Prospective students should contact their high school guidance office, their state higher education office, or College Misericordia's financial aid office to learn more about their state programs and to obtain applications.

College Grants

Honor Scholarships

To demonstrate its commitment to academic excellence, the College awards financial assistance to incoming freshmen and transfer students who have attained outstanding academic records. The scholarships are renewable until graduation, provided minimum grade point averages are maintained: freshman year—3.0 cumulative average; sophomore year—3.2 cumulative average; junior year—3.4 cumulative average. Students apply directly to the admissions office of the College for Honor Scholarships.

College Grants

Through its own fund raising efforts, College Misericordia maintains an extensive college grant program which helps over 50 percent of Misericordia students meet their college costs. These need-based grants are usually offered to incoming freshmen and transfers. Students who receive College Grants must maintain satisfactory academic progress and participate in at least one college approved extracurricular activity. The College Grant program assists students with financial need who also participate in the activities of the College community.

Achievement Awards

Sophomore, junior and senior students who have demonstrated outstanding academic and extracurricular achievements may apply for a $250 grant.

College Regulations

Financial Aid Programs

Loans

Guaranteed Student Loan

This program enables students to borrow directly from a bank or other participating lender. Currently, a dependent student may borrow up to $2,500 per grade level at an eight percent interest rate for new borrowers, if financial need is indicated. Students must maintain satisfactory academic progress for subsequent loans. Repayment begins six months after the student leaves school or changes status to under six credits. The exact amount of loan eligibility is determined by this formula: educational costs minus financial aid, minus expected family contribution. A qualifying factor is full or part time status. Loan checks may only be accepted if their term dates are concurrent with the present enrollment period. Applications and other information may be obtained from the applicant's lender.

National Direct Student Loan

This program provides loans at the low interest rate of five percent to students with financial need. Students must be enrolled at least half-time to receive this aid. Federal regulations provide that a student may borrow up to $3,000 for the first two undergraduate years with a $6,000 maximum if funds are available. Repayment begins six months after graduation or withdrawal from college. Deferments of repayments and cancellation provisions are available for certain types of employment. Students are notified of the award of such loans by a letter from the College.

Nursing Loans

Nursing students who demonstrate financial need may apply for low interest, six percent Nursing Loans through the College's financial aid office. The Nursing Loan is similar to the National Direct Student Loan in repayment and deferments.

PLUS Loans

PLUS Loans provide additional funds to meet educational expenses. As with Guaranteed Student Loans, monies are borrowed from a bank, savings and loan association or credit union. The interest rate is currently twelve percent.

Borrowers are of three types:

Parents of dependent students—may borrow up to $3,000 per grade level for each full time undergraduate student. The aggregate total allowed is $15,000.

Graduate students—may also borrow up to $3,000 per grade level, with an aggregate total of $15,000.

Independent undergraduate students—may borrow up to $2,500 per grade level. However, the PLUS Loan, combined with the student's Guaranteed Student Loan, cannot exceed $2,500 per grade level, with an aggregate total of $12,500.

Repayment of PLUS Loans begins sixty (60) days after the loan proceeds are disbursed. If the borrower is a full time student, the borrower may request to defer payment of principal. Applications for PLUS Loans are obtained from the lender.

College Regulations

Financial Aid Programs

Employment

College Work-Study

Funded by the Federal government and the College, this program provides part time jobs for students during the academic year and full time jobs during the summer. Jobs are available on campus and in the local community. Students must document financial need to be eligible. Whenever possible, students will be assigned jobs related to their educational interests.

Institutional Work-Study

The College maintains this work-study program entirely through its own funds. It assists students who are not eligible for the Federal program but who need to earn part of their college expenses through employment.

Part Time Jobs

Some part time employment is available in the community for students. The College's placement office can provide more information.

Financial Aid for Part Time Students

Some grants, loans and part time employment opportunities are available to part time students who carry at least six credits. Eligibility information and applications are available from the financial aid office.

Also, College Misericordia allocates grants for the financial support of part time students. For eligibility criteria and other information, contact the financial aid office.

College Regulations

Endowed, Memorial and Corporate Scholarships

Individuals and businesses close to College Misericordia sponsor scholarships and trust funds which are available to qualified students each year.

Eligibility criteria and award information are available in the financial aid office.

Alumni Endowment Scholarship

Frances Wilchek Beisel Scholarship

Carole Zoeller Flanagan Brown Scholarship

Bridget Carney Scholarship

Custom Management Corporation Scholarship

Jean Chorazy Fink Scholarship

Gates/Millnamow Scholarship

Julie Hannagan Scholarship

InterMetro Industries Scholarship

Genevieve Mullin Kimbro Scholarship

Helen McCarthy Kirk Scholarship

Fr. William Hill and Sr. William Joseph Lydon, RSM Scholarship

Sister Celestine McHale, RSM Scholarship

Helen O'Connor Scholarship

Jeremiah and Ita O'Donnell Scholarship

Sallyanne Frank Rosenn Scholarship

Harold Rosenn Scholarship

Cathy Stefanchik Scholarship

M. W. Wood, Inc. Scholarship

College Regulations

Refund Policies

Institutional Refund Policies

Withdrawals

When a student withdraws from the College, he or she must file an official notice of withdrawal with the Academic Dean. If such withdrawal reduces the student's credits to zero (0), the percentage of the charges refunded is determined by the date the Academic Dean receives official notice.

Tuition and Board refunds are granted as follows:

Time of Withdrawal	Amount
First Week	100 percent
Second Week	75 percent
Third Week	50 percent
Fourth Week	25 percent

No refunds of charges are allowed after the fourth week.

Course fees are refundable only during the drop/add period (first week of classes). No refunds are awarded on course fees after this period.

If the refund procedure results in a credit balance on a student's account and if that student receives financial aid, the financial aid must be proportionately reduced according to Title IV refund procedure stipulated by Federal regulations, and restored to the appropriate financial aid funds. The calculation for Title IV refund procedure is based upon the following formula:

$$\frac{\text{Title IV Aid (less Work-Study)}}{\text{All aid for payment period (less Work-Study)}} \times \text{applicable refund} = \text{amount refunded to Title IV funds}$$

There are no refunds to students who are dismissed from the College. There are no refunds on any other fees, including advance registration deposits or room deposits.

When a student withdraws from a residence hall or off-campus housing, he or she must notify the Dean of Students in writing. Room charges are not refundable. Room damage fees are refundable upon written request to the Dean of Students.

Change of Academic Status

If a student drops from full to part time status after the end of the refund period (first four weeks of classes) no adjustments will be made to the tuition charges originally assessed nor to financial aid.

However, if a student drops from full to part time during the refund period, adjustments to tuition charges will be made as follows:

1. The full time tuition charges originally assessed will be reduced according to the official date on the drop/add slip from the Academic Dean's office, and by applying a percentage of adjustment based on the following chart:

First Week	100% refund of tuition
Second Week	75% refund of tuition
Third Week	50% refund of tuition
Fourth Week	25% refund of tuition

2. Part time tuition charges will then be computed by multiplying the actual number of credits being taken after the drop, by the appropriate per credit charge.

College Regulations

Refund Policies

Institutional Refund Policies

3. The part time charge (from step 2) will be added to the amount of full time tuition charge remaining on account after the adjustment is made to full time charges in step 1. The result will yield the adjusted tuition charge assessed for the semester.

Example:
A full time business student is originally assessed $1850 tuition charge. During the second week of classes (75% refund period) the student drops from full time to 11 credits. Tuition charges are adjusted as follows:

$1850.00	Full time tuition charge
× .75	75% refund period
$1387.50	Amount of reduction of full time tuition charges
$1850.00	Original full time tuition charge
−1387.50	Amount of reduction
$ 462.50	Amount of full time tuition charge remaining on account (25%).
$ 94.00	Per credit tuition rate for business courses
× 11	Number of credits after drop
$1034.00	Part time tuition charges
$1034.00	Part time tuition charge
+ 462.50	Amount of full time tuition remaining on account
$1496.50	Adjusted tuition charge for semester

If a credit balance is generated to the student's account as a result of the above adjustment, financial aid will be proportionately reduced based on Title IV Refund Procedures and restored to the appropriate financial aid funds.

Other Credit Balances

Refunds of credit balances on student accounts caused by overpayment (either from financial aid or personal transaction) will not be processed until after the fourth full week of classes has been completed each semester.

Checks will be issued ten working days after the fourth week of classes. Refund checks, therefore, will not be issued until the sixth week of classes.

The ten working days give the comptroller time to verify the amount of refund, to check on any other charges, and to confer with the financial aid director.

Student refund requests must be submitted by the student in writing, and must be approved by the comptroller and the financial aid director. Refund application forms are available in the comptroller's office.

Students are advised to begin the academic year with sufficient funds to pay for books and living expenses until refund checks are issued.

College Regulations

Refund Policies

Guaranteed Student Loans

Refunds of overpayments caused by Guaranteed Student Loans will not be made until after the first week of classes. Refunds from Guaranteed Student Loans will then be processed, after receipt of written request, within ten working days from the date the loan check is submitted to the comptroller, or the written request is received from the student, whichever is more recent. Students may request that their refunds be credited to their account for the following semester.

Weekend College and Summer School

When a student drops a course or withdraws from Weekend College or Summer School, official notice must be filed with the continuing education office. The percentage of refund is as follows:

100 percent prior to the first class hour.
50 percent prior to the second class.
No refund after the second class.

All refund percentages are computed from charges to the student, not from the amount paid.

Course fees are refundable only during the drop/add period (first week of classes). There are no refunds to students dismissed from the College. Advance registration deposits and any other fees are not refundable.

If the refund procedure results in a credit balance on a student's account and that student receives financial aid, the financial aid must be adjusted proportionately according to Title IV refund procedure. The financial aid director can provide clarification of this procedure.

College Life

Student Activities

College Misericordia students take their education seriously, but they also recognize that academics are only one part of the college experience. Most of the College's students are involved in extracurricular activities, some offered by the College and others organized by the students themselves.

Students participate in making the decisions which affect their governance by means of an active student government association which is the liaison between students and the faculty and administration. More than twenty student clubs on campus provide experiences in a wide variety of student interests, including art, behavioral sciences, biology, chorus, orchestra, history, drama, music, nursing, education, and others. The Newspaper, a student news publication, involves many writers, editors and photographers. Students and faculty annually publish a literary and art magazine, Instress, and the College yearbook.

Cultural events, including concerts, film series, plays and lectures add to the non-academic side of students' education.

Athletics

Intercollegiate sports at the College include women's basketball, softball, field hockey, volleyball and cross-country. Men compete at the intercollegiate level in basketball, baseball and cross-country.

Members of the student body, faculty and administration enjoy a very active intramural athletic program which includes co-ed flag football, soccer, basketball, volleyball and softball, men's and women's tennis and men's and women's basketball. There is also a men's club football team that plays similar clubs from other colleges in the area.

Campus Ministry

College Misericordia is a Catholic college and, as such, offers students many different ways to express religious faith and values. Students of all denominations find the Campus Ministry program a focus for religious, social and community service activities.

In keeping with the College's Mercy tradition of justice and compassion, Campus Ministry sponsors programs which not only serve others but serve students as well, by giving them opportunities to form and test their own sets of values.

Careers and Placement

The College offers a comprehensive careers and placement service for enrolled students as well as alumni.

For some students, career choices are easy; for others such a decision may seem to be unreachable. The careers and placement office can assist students through individual counseling and testing, and workshops on communication skills, personal growth, and decision making.

As students approach graduation, the careers and placement office provides guidance in resumé writing, scheduling job interviews, or in applying to graduate school.

College Life

Commuter Council

All of the College's services and extracurricular programs are available to commuting students, many of whom are just as active on campus as the residents.

The Commuter Council, a student-organized association, is attentive to the needs and concerns of non-resident students. The Council addresses both the academic and social aspects of college life for commuters.

Counseling

Very few students go through their college years without needing advice at one time or another. The College's counseling office responds to diverse student needs, from academic problems to personal crises.

In addition to individual counseling, the office provides psychological assessment, research, evaluation and referral services. The counseling office sponsors workshops on leadership training and other personal and social development skills throughout the year.

Library

The Francesca McLaughlin Library is located on the second floor of the Administration Building. Named after Sister M. Francesca McLaughlin, RSM, a librarian at the College for more than twenty-five years, the facility encompasses 15,000 square feet and houses stacks for 90,000 volumes.

The library's bright and congenial atmosphere is enhanced by art works, plants, modern furnishings and displays of photographs of the College and its history.

The library provides materials and services which support the educational objectives of the College. Students have access to an excellent collection of volumes, periodicals, microfiche, and reference materials, including a special collection of nursing publications.

During freshman orientation students learn how to make the best use of the library. This training is ongoing through a library skills program presented at special learning stations. Individual instruction is always available from the reference librarian and other staff members when needed.

Interlibrary loan agreements enable students and faculty to take advantage of regional library holdings of many thousands of volumes.

During the academic year, the library is open 82 hours per week. Professional librarians are on hand to provide assistance at all times Monday through Friday.

Residence Halls

The College operates six resident facilities: McHale, Alumnae, McAuley, and Walsh Halls, Carlow House and Mercy House. All rooms are designed for double occupancy.

The environment in the residence halls is one is living and learning. A vital part of the students' total educational experience are the relationships that grow from living and sharing with others in the dorms. Residents participate in making decisions affecting resident life. The residence hall program strives to create an intellectual and friendly atmosphere conducive to academic achievement and personal responsibility.

The residence halls are secure, attractively furnished, and conveniently located on campus. Each building houses study lounges, laundry rooms and recreational areas.

College Life

Student Health Service

The College's health service personnel encourage wellness among all members of the Misericordia community. School programs and individual counseling stress preventive medicine, sound nutritional habits and
Registered nurses staff the infirmary in cooperation with the school physician. Most health problems are taken care of on campus, but when the need arises, students are driven to doctor's offices or hospitals in the area.

A complete physical examination is a requirement for admission to the College. A comprehensive health insurance plan is available to all full time students.

The health service frequently sponsors such programs as blood drives, slimnastics, CPR, first aid training and other educational workshops.

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